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# Census of Maine Manufactures, 1981

Maine Department of Labor

Maine Bureau of Labor Standards

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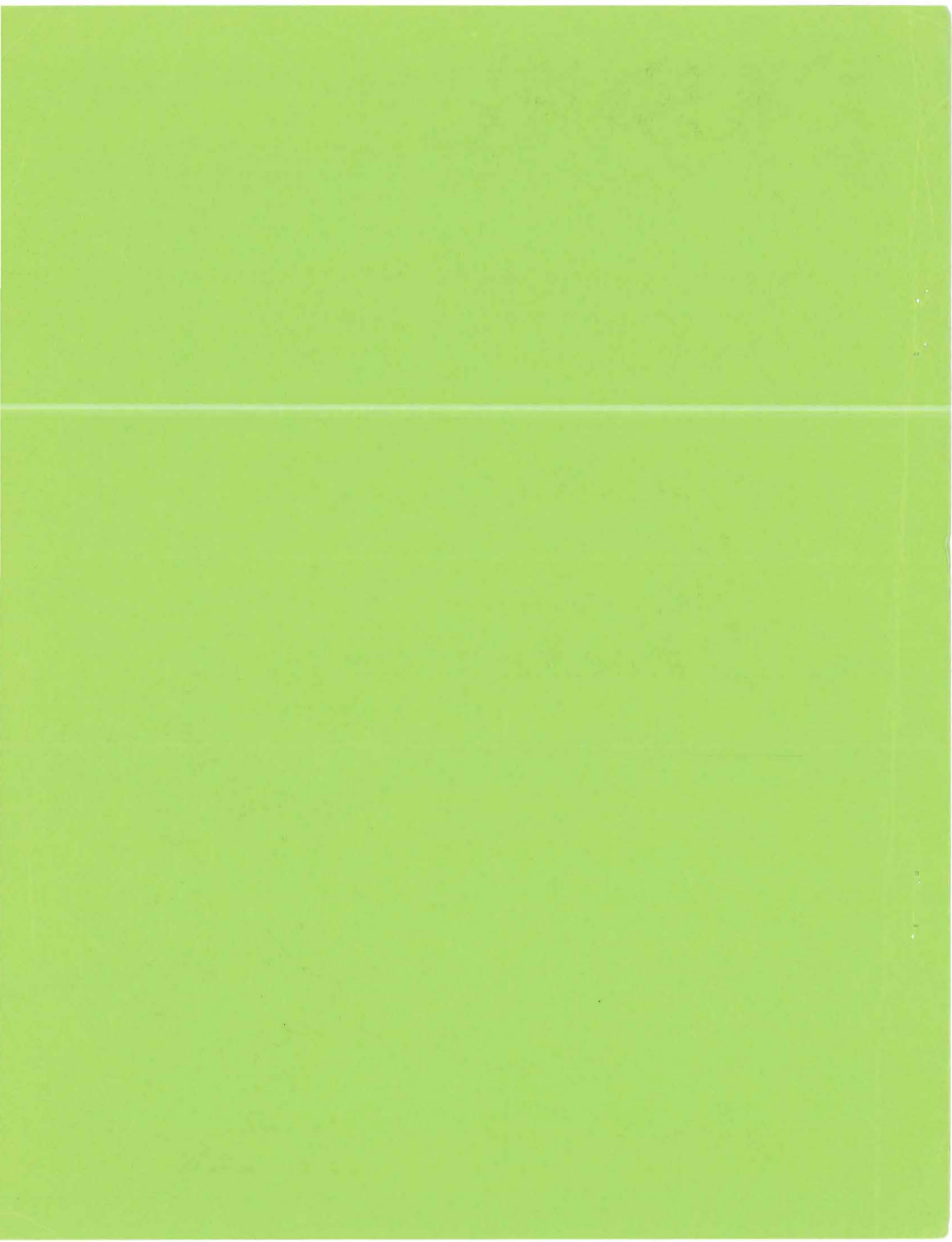
**Census  
of  
Maine  
Manufactures  
1981**

BLS 578  
DECEMBER 1983



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A U T H O R I Z A T I O N

Maine Revised Statutes 1964, Title 26, §§ 42, 43, 46: "The Bureau shall collect, assort and arrange statistical details relating to . . . industrial pursuits in the State. He (the Director) may . . . cause to be printed and distributed bulletins . . . that shall be of public interest and benefit to the State."

C O V E R A G E

This survey, insofar as possible, is of universal coverage for Maine manufacturing establishments ranging from the single proprietorships to the largest corporations. Reports covering 2247 establishments were received since the original mailing in April of 1982. Of these, 184 either did not operate or went out of business in 1981. Final tabulations, according to the major breakdown, will appear as usual in the next Census. These tabulations will include the late reports which are not included in this Census.

Taking into consideration the nature of the Maine economy and the extent of coverage in this survey, the data contained in this, The Census of Maine Manufactures 1981, represent a comprehensive and valid statistical analysis of the Maine manufacturing economy.

William A. Peabody  
Director  
Research & Statistics Division

C E N S U S   O F   M A I N E   M A N U F A C T U R E S - 1981

BLS Bulletin 578



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## P R E F A C E

The Census of Maine Manufactures publication for 1981 is being presented in this abbreviated form due to delays in obtaining and adjusting 1981 employment and wage data. In the interest of getting the data out as soon as possible, we are foregoing the narrative portion of this publication. Barring any unforeseen circumstances, the 1982 Census publication will have a narrative as in prior years. We regret any inconvenience this might cause.



TABLE 1

## CENSUS OF MAINE MANUFACTURES BY MAJOR INDUSTRY

1981

INDUSTRY	NUMBER REPORTING	VALUE OF PRODUCT			EMPLOYMENT			WORKERS UNDER UNION CONTRACT	WAGES	
		\$	PERCENT CHANGE		TOTAL	MALE	FEMALE		GROSS	AVERAGE
			1980	1981						
<b>TOTAL</b>	2 247	7 850 740 550	+ 83.5%	+10.7%	113 335	74 714	38 621	36 161	1 693 960 277	14 946
<b>DURABLE GOODS</b>	1 429	2 359 480 231	-120.2	+11.9	41 530	31 508	10 022	11 505	638 760 102	15 381
Lumber & Wood Products	901	667 098 034	+166.4	+ 9.9	13 305	10 924	2 381	4 006	177 342 618	13 329
Furniture	35	40 490 873	+ 73.2	- 0.0	942	738	204	57	11 019 850	11 698
Stone, Clay & Glass	76	71 445 697	+ 51.5	+12.0	1 209	1 102	107	184	18 781 405	15 535
Primary Metals	12	16 779 450	+ 41.0	-21.3	383	346	37	163	6 028 079	15 739
Fabricated Metals	114	249 632 583	+ 71.6	- .9	4 347	3 701	646	1 719	72 145 672	16 597
Nonelectrical Machinery	127	259 546 080	+130.9	+ 6.5	4 041	3 360	681	263	67 025 717	16 586
Electric & Electronic Eqpt.	46	465 980 360	+180.1	+14.5	7 833	3 254	4 579	60	111 738 815	14 265
Transportation Eqpt.	101	559 053 839	+261.8	+26.2	8 692	7 735	957	5 053	165 417 784	19 031
Precision Instruments	17	29 453 315	+183.9	+ 3.6	778	348	430	0	9 260 162	11 903
<b>NONDURABLE GOODS</b>	818	5 491 260 319	+ 71.6	+ 9.5	71,805	43 206	28 599	24 656	1 055 200 175	14 695
Food	208	769 913 383	+ 21.8	+ 5.2	9 362	5 958	3 404	2 978	113 654 176	12 140
Textiles	61	374 602 046	+ 33.1	+14.2	8 168	5 053	3 115	2 836	98 248 388	12 028
Apparel	56	218 914 409	+188.4	+21.6	4 668	986	3 682	2 951	48 400 210	10 369
Paper	45	2 753 873 673	+ 98.3	+13.1	18 466	15 817	2 649	13 402	428 036 728	23 180
Printing	214	143 988 539	+103.5	+17.0	3 808	2 315	1 493	774	51 341 426	13 483
Chemicals	31	161 698 057	+ 99.9	+12.4	1 253	1 037	216	209	21 581 651	17 224
Petroleum & Coal Products	8	19 478 509	+ 49.2	+10.2	145	140	5	85	2 589 006	17 855
Rubber & Plastics	39	193 267 714	- 64.6	+ 9.2	3 820	2 381	1 439	167	46 509 416	12 175
Leather	106	832 454 605	+ 61.9	+ 1.3	21 179	9 052	12 127	1 254	235 392 369	11 114
Miscellaneous	50	23 069 384	- 11.9	+ 4.6	936	467	469	0	9 446 805	10 093

TABLE 2

## MAINE CAPITAL EXPENDITURES BY MAJOR INDUSTRY

1981

INDUSTRY	PLANT MODERNIZATION & EQUIPMENT					
	1981				PLANNED	
	TOTAL	NEW STRUCTURES	EXISTING STRUCTURES	EQUIPMENT	1982	1983
<b>TOTAL</b>	622 250 841	112 496 149	2 968 240	506 786 452	341 176 013	308 149 579
<b>DURABLE GOODS</b>	135 413 489	35 758 195	896 396	98 758 898	113 068 826	122 516 213
Lumber & Wood Products	32 262 362	6 170 064	398 900	25 693 398	22 089 260	16 990 269
Furniture	940 119	375 599	45 000	519 520	1 198 800	1 255 000
Stone, Clay, & Glass	2 987 539	442 229	21 842	2 523 468	1 590 354	1 998 000
Primary Metals	521 875	20 517	0	501 358	808 000	2 875 000
Fabricated Metals	8 917 003	1 678 604	25 000	7 213 399	7 967 498	3 391 435
Nonelectrical Machinery	10 892 386	1 414 578	3 000	9 474 808	14 706 814	14 224 009
Electric & Electronic Eqpt.	42 376 454	12 512 560	0	29 863 894	40 417 400	68 780 000
Transportation Eqpt.	36 010 230	13 132 484	352 654	22 525 092	23 626 800	12 753 600
Precision Instruments	505 521	11 560	50 000	443 961	663 900	248 900
<b>NONDURABLE GOODS</b>	486 837 352	76 737 954	2 071 844	408 027 554	228 107 187	185 633 366
Food	21 104 153	3 754 220	529 897	16 820 036	12 435 774	4 849 761
Textiles	10 699 650	1 188 780	805 800	8 705 070	9 567 600	6 882 500
Apparel	2 873 725	762 510	0	2 111 215	1 881 686	643 500
Paper	407 315 072	58 123 614	74 436	349 117 022	184 364 590	159 014 212
Printing	14 779 806	5 923 225	94 182	8 762 399	4 029 904	2 483 728
Chemicals	8 417 994	944 353	0	7 473 641	6 142 158	3 607 500
Petroleum & Coal Products	211 000	0	0	211 000	285 000	0
Rubber & Plastics	8 362 951	2 384 638	217 940	5 760 373	4 548 194	5 096 940
Leather	12 953 235	3 634 713	349 589	8 968 933	4 617 881	2 968 225
Miscellaneous	119 766	21 901	0	97 865	234 400	87 000



TABLE 3

## CENSUS OF MAINE MANUFACTURES BY MAJOR INDUSTRY &amp; SELECTED INDUSTRIAL GROUPS, 1981

SIC	INDUSTRY	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE WAGE \$	NUMBER OF WORKERS		
					TOTAL	MALE	FEMALE
	<u>TOTAL MANUFACTURING</u>	7 850 740 550	1 693 960 277	14 946	113 335	74 714	38 621
	<u>DURABLE GOODS TOTAL</u>	2 359 480 231	638 760 102	15 380	41 530	31 508	10 022
24	<u>LUMBER &amp; WOOD PRODUCTS</u>	667 098 034	177 342 618	13 329	13 305	10 924	2 381
241	Logging Camps & Contractors	278 251 178	67 428 850	15 173	4 444	4 235	209
2411	Logging camps & contractors	278 251 178	67 428 850	15 173	4 444	4 235	209
242	Sawmills & Planing Mills	209 231 087	46 111 351	14 601	3 158	2 919	239
2421	Sawmills & planing mills, gen.	188 795 708	40 609 276	14 902	2 725	2 534	191
2426	Hardwood dimension & floor- ing mills	18 656 677	5 092 123	13 056	390	343	47
2429	Special product mills, NEC	1 778 702	409 952	19 533	43	42	1
243	Millwork & Cabinets	22 216 644	6 303 857	13 187	478	356	122
2431	Millwork	7 328 559	2 190 177	11 712	187	149	38
2434	Kitchen cabinets	977 289	350 524	9 473	37	31	6
244	Wood Containers	7 939 797	2 654 754	10 132	262	235	27
2448	Wood pallets & skids	4 393 345	1 272 839	8 839	144	134	10
2449	Wood containers, NEC	1 486 117	721 314	10 607	68	59	9
245	Wood Bldgs. & Mobile Homes	22 687 001	5 512 896	12 880	428	392	36
2452	Prefabricated bldgs.	9 575 432	3 081 672	12 376	249	226	23
249	Miscellaneous	126 772 327	49 330 910	10 877	4 535	2 787	1 748
2499	Wood products, NEC	126 772 327	44 330 910	10 877	4 535	2 787	1 748
25	<u>FURNITURE &amp; FIXTURES</u>	40 490 873	11 019 850	11 698	942	738	204
251	Household Furniture	19 709 760	6 651 641	11 012	604	439	165
2511	Wood furniture	16 964 041	5 703 129	10 780	529	384	145
32	<u>STONE, CLAY, &amp; GLASS</u>	71 445 697	18 781 405	15 535	1 209	1 102	107
326	Pottery & Related Products	780 080	317 455	7 936	40	15	25
3269	Pottery products, NEC	780 080	317 455	7 936	40	15	25
327	Concrete, Gypsum, & Plaster	45 078 651	12 355 079	14 552	849	792	57
3272	Concrete products, NEC	13 928 785	4 393 460	13 518	325	309	16
3273	Ready-mixed concrete	26 067 170	6 409 939	15 371	417	385	32
33	<u>PRIMARY METALS</u>	16 779 450	6 028 079	15 739	383	346	37
34	<u>FABRICATED METALS</u>	249 632 583	72 145 672	16 597	4 347	3 701	646
342	Cutlery & Hand Tools	5 854 503	2 826 494	13 523	209	181	28
3423	Hand & edge tools	5 551 603	2 684 175	13 835	194	171	23
343	Heating & Plumbing Equipment	3 721 487	1 329 972	11 987	112	89	23
3433	Heating eqpt., exc. Electric	2 017 287	846 782	12 638	46	57	10
344	Structural Metal Products	102 763 194	29 564 142	18 570	1 592	1 474	118
3441	Structural metal	34 813 855	7 984 642	17 097	467	433	34
3444	Sheet metal work	20 979 286	4 693 509	16 762	280	250	30
349	Misc. Fabricated Metals	40 198 616	9 190 528	15 317	600	442	158
3496	Misc. wire products	4 276 036	720 560	8 445	109	76	33

TABLE 3 (continued)

## CENSUS OF MAINE MANUFACTURES BY MAJOR INDUSTRY &amp; SELECTED INDUSTRIAL GROUPS, 1981

SIC	INDUSTRY	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE WAGE \$	NUMBER OF WORKERS		
					TOTAL	MALE	FEMALE
<u>DURABLE GOODS (continued)</u>							
35	<u>NONELECTRICAL MACHINERY</u>	259 546 080	67 025 717	16 586	4 041	3 360	681
353	Construction & Related Mach.	25 919 563	6 841 427	15 102	453	409	44
354	Metalworking Machinery	26 206 487	10 865 192	15 701	692	619	73
3544	Special dies & tools	7 977 223	4 197 492	18 410	228	203	25
355	Special Industry Machinery	33 309 120	10 793 219	15 886	692	554	138
3559	Special ind. machinery, NEC	25 568 906	7 944 919	15 547	511	386	125
359	Miscellaneous	25 481 187	9 956 729	16 733	595	539	56
3599	Nonelectrical mach., NEC	25 481 187	9 956 729	16 733	595	539	56
36	<u>ELECTRIC &amp; ELECTRONIC EQPT.</u>	465 980 360	111 738 815	14 265	7 833	3 254	4 579
364	Lighting & Wiring Equipment	9 240 844	2 891 953	11 037	262	88	174
366	Communication Equipment	47 733 969	10 699 226	14 189	754	520	234
3662	Radio & TV communicating eqpt.	47 733 969	10 699 226	14 189	754	520	234
367	Electric Components	290 157 058	62 830 143	14 106	4 454	1 532	2 902
37	<u>TRANSPORTATION EQUIPMENT</u>	559 053 839	165 417 784	19 031	8 692	7 735	957
373	Ship & Boat Building	411 998 204	137 689 700	19 278	7 142	6 481	661
3731	Shipbuilding & repair	388 329 531	130 197 681	19 938	6 530	5 941	589
3732	Boatbuilding & repair	23 668 673	7 492 019	12 241	612	540	72
38	<u>PRECISION INSTRUMENTS</u>	29 453 315	9 260 162	11 903	778	348	430
381	Engineering & Scientific Instruments	16 182 516	5 468 207	15 403	355	279	76
3811	Engineering & scientific instruments & equipment	16 182 516	5 468 207	15 403	355	279	76
<u>NONDURABLE GOODS TOTAL</u>		5 491 260 319	1 055 200 175	14 695	71 805	43 206	28 599
20	<u>FOOD</u>	769 913 383	113 654 176	12 140	9 362	5 958	3 404
201	Meat Products	145 068 499	19 425 305	11 680	1 663	1 085	578
2011	Meat packing plants	16 982 331	1 081 191	11 625	93	72	21
2016	Poultry dressing plants	95 985 860	12 768 036	10 222	1 249	775	474
202	Dairy products	110 959 947	11 525 287	13 819	834	700	134
2026	Fluid milk	107 594 859	10 594 729	13 940	760	654	106
203	Preserved Fruits & Vegetables	180 272 779	25 864 843	11 274	2 294	1 328	966
2037	Frozen fruits & vegetables	118 303 635	19 512 917	11 162	1 748	958	790
204	Grain Mill Products	77 964 988	4 322 138	12 863	336	291	45
2048	Prepared feeds, NEC	58 597 688	1 763 842	12 969	136	127	9
205	Bakery Products	91 871 023	21 213 947	15 131	1 402	1 085	317
2051	Perishable bakery products	91 871 023	21 213 947	15 131	1 402	1 085	317
206	Sugar & Confectionery Products	733 764	234 783	6 521	36	11	25
2065	Candy & confectionery prods.	725 600	234 783	6 521	36	11	25
208	Beverages	48 109 954	9 123 499	14 551	627	516	111
2086	Soft drinks	39 435 411	8 238 830	14 156	582	484	98



TABLE 3 (continued)

## CENSUS OF MAINE MANUFACTURES BY MAJOR INDUSTRY &amp; SELECTED INDUSTRIAL GROUPS, 1981

SIC	INDUSTRY	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE WAGE \$	NUMBER OF WORKERS		
					TOTAL	MALE	FEMALE
NONDURABLE GOODS (continued)							
20	FOOD (continued)						
209	Miscellaneous	113 527 989	21 505 719	10 025	2 145	918	1 227
2091	Canned & cured seafood	76 192 623	13 491 494	9 869	1 367	458	909
2092	Fresh or frozen seafood	29 755 527	6 051 771	9 368	646	347	299
2099	Food preparations, NEC	7 473 839	1 955 182	14 925	131	112	19
22	TEXTILES	374 602 046	98 248 388	12 028	8 168	5 053	3 115
222	Weaving Mills, Synthetics	52 823 669	13 944 634	11 291	1 235	718	439
2221	Broad woven fabrics, syn.	52 823 669	13 944 634	11 291	1 235	718	439
223	Weaving & Finishing Mills, Wool	177 243 018	44 865 750	12 789	3 508	295	1 213
2231	Broad woven fabrics, wool	177 243 018	44 865 750	12 789	3 508	295	1 213
244	Narrow Fabric Mills	5 055 594	2 079 087	11 423	182	69	113
2441	Narrow fabrics & smallwares	5 055 594	2 079 087	11 423	182	69	113
228	Yarn & Thread Mills	43 548 942	12 046 341	10 393	1 159	682	477
2281	Yarn, except wool	16 300 833	6 081 067	10 306	590	380	210
2283	Wool yarn	27 248 109	5 165 276	10 483	569	302	267
229	Miscellaneous	26 384 456	5 987 587	12 371	484	346	138
23	APPAREL	218 914 409	48 400 210	10 369	4 668	986	3 682
232	Men's & Boys' Furnishings	40 576 420	16 324 251	11 854	1 377	210	1 167
233	Women's & Misses' Outerware	4 982 763	1 904 416	8 776	217	32	185
2339	Women's & misses' outerware, NEC	4 482 763	1 637 350	8 898	184	25	159
239	Misc. Fabricated Textiles	55 820 940	10 240 339	10 312	993	436	557
2394	Canvas	4 831 472	1 951 870	9 383	208	87	121
26	PAPER	2 753 873 673	428 036 728	23 180	18 466	15 817	2 649
262	Paper Mills, except Building Paper Mills	2 325 351 699	360 412 345	23 952	15 047	13 249	1 798
2621	Paper, exc. bldg. paper	2 325 351 699	360 412 345	23 952	15 047	13 249	1 798
264	Miscellaneous Converted Paper	101 460 163	25 298 172	19 779	1 279	823	456
265	Paperboard Containers	54 580 976	9 977 865	13 781	724	473	251
2653	Corrugated & solid fiber boxes	43 076 513	6 851 138	15 292	448	365	83
27	PRINTING & PUBLISHING	143 988 539	51 341 426	13 483	3 808	2 315	1 493
271	Newspapers	77 740 808	31 403 934	13 877	2 263	1 371	892
2711	Newspapers, publishing & printing	77 740 808	31 403 934	13 877	2 263	1 371	892
272	Magazines & Periodicals	9 276 236	1 634 721	13 971	117	48	69
2721	Magazines	9 276 236	1 634 721	13 971	117	48	69
273	Books	4 037 082	1 508 418	13 966	108	54	54
2731	Book publishing	3 786 048	1 391 499	14 055	99	48	51
275	Commercial Printing	50 001 319	15 569 914	12 953	1 202	777	425
2751	Letterpress	15 512 676	5 297 290	12 523	423	279	144
2752	Lithographic	34 488 643	10 272 624	13 186	779	498	281

TABLE 3 (continued)

## CENSUS OF MAINE MANUFACTURES BY MAJOR INDUSTRY &amp; SELECTED INDUSTRIAL GROUPS, 1981

SIC	INDUSTRY	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE WAGE \$	NUMBER OF WORKERS		
					TOTAL	MALE	FEMALE
	<u>NONDURABLE GOODS (continued)</u>						
28	<u>CHEMICALS</u>	161 698 057	21 581 651	17 224	1 253	1 037	216
287	Agricultural Chemicals	14 942 048	933 710	13 150	71	63	8
29	<u>PETROLEUM &amp; COAL PRODUCTS</u>	19 478 509	2 589 006	17 855	145	140	5
295	Paving & Roofing Materials	19 478 509	2 589 006	17 855	145	140	5
2951	Paving mixtures & blocks	19 478 509	2 589 006	17 855	145	140	5
30	<u>RUBBER &amp; PLASTICS</u>	193 267 714	46 509 416	12 175	3 820	2 381	1 439
306	Rubber Products, NEC	9 371 835	3 074 292	10 456	294	138	156
3069	Fabricated rubber products, NEC	9 371 835	3 074 292	10 456	294	138	156
307	Plastic products	145 765 009	33 452 432	13 113	2 551	1 783	768
3079	Misc. plastic products	145 765 009	33 452 432	13 113	2 551	1 783	768
31	<u>LEATHER &amp; LEATHER PRODUCTS</u>	832 454 605	235 392 369	11 114	21 179	9 052	12 127
311	Leather Tanning & Finishing	184 034 815	30 030 206	15 400	1 950	1 723	227
3111	Tanning & finishing	184 034 815	30 030 206	15 400	1 950	1 723	227
313	Boot & Shoe Cut Stock & Findings	44 233 767	15 578 092	10 765	1 447	736	711
3131	Cut stock & findings	44 233 767	15 578 092	10 765	1 447	736	711
314	Footwear, Except Rubber	599 004 654	186 754 841	10 706	17 443	6 517	10 926
3143	Men's footwear, exc. athletic	249 533 386	64 670 600	11 427	5 659	2 430	3 229
3144	Women's footwear, exc. ath.	239 715 524	77 283 026	10 790	7 162	2 316	4 846
3149	Footwear, exc. rubber, NEC	83 025 365	36 955 747	9 812	3 766	1 487	2 279
39	<u>MISCELLANEOUS</u>	23 069 384	9 446 805	10 093	936	467	469
391	Jewelry & Flatware	394 019	127 584	8 505	15	7	8
3911	Jewelry	349 820	119 131	8 509	14	6	8
394	Toys & Sporting Goods	14 431 090	5 232 213	9 834	532	276	256
3949	Sporting Goods, NEC	8 637 615	3 269 938	10 582	309	149	160
399	Miscellaneous	3 428 348	1 285 646	10 988	117	78	39



TABLE 4

## CENSUS OF MAINE MANUFACTURES BY COUNTY

1981

AREA	NUMBER REPORTING	VALUE OF PRODUCT			EMPLOYMENT			WORKERS UNDER UNION CONTRACT	WAGES	
		\$	PERCENT CHANGE		TOTAL	MALE	FEMALE		GROSS	AVERAGE
			FROM 1976	FROM 1980						
<b>TOTAL</b>	2 247	7 850 740 550	83.5%	10.7%	113 335	74 714	38 621	36 161	1 693 960 277	14 946
<b>I-95 CORRIDOR</b>	1 120	4 752 715 092	79.1	9.2	75 327	49 603	25 724	24 475	1 130 762 907	15 011
Androscoggin	208	588 902 794	42.2	1.9	12 965	7 405	5 560	2 631	153 564 488	11 844
Cumberland	336	1 230 256 537	90.7	12.0	18 029	11 938	6 091	4 424	281 293 310	15 602
Kennebec	128	579 371 148	39.6	1.3	8 920	5 409	3 511	4 867	136 456 419	15 297
Penobscot	206	1 109 728 571	72.0	11.1	14 047	10 186	3 861	5 239	231 412 772	16 474
Sagadahoc	37	425 060 622	182.8	26.5	7 326	6 200	1 126	5 287	137 301 032	18 741
York	205	819 395 420	113.7	6.4	14 040	8 465	5 575	2 027	190 734 886	13 585
<b>EASTERN</b>	191	575 133 407	95.4	13.0	5 123	3 568	1 555	2 010	87 612 407	17 101
Hancock	106	328 258 655	127.8	6.8	2 435	1 677	758	1 045	44 765 540	18 384
Washington	85	246 874 752	64.3	22.3	2 688	1 891	797	965	42 846 867	15 940
<b>MIDCOAST</b>	233	329 704 673	37.5	8.8	5 579	3 340	2 239	1 287	68 489 382	12 276
Knox	97	163 241 555	64.5	10.2	2 825	1 835	990	753	37 312 405	13 207
Lincoln	73	33 464 757	85.4	8.4	777	411	366	0	10 095 314	12 992
Waldo	63	132 998 361	8.5	7.3	1 977	1 094	883	534	21 081 663	10 663
<b>NORTHERN</b>	203	629 716 293	74.8	11.0	6 467	4 742	1 725	2 665	95 577 939	14 779
Aroostook	203	629 716 293	74.8	11.0	6 467	4 742	1 725	2 665	95 577 939	14 779
<b>WESTERN</b>	496	1 552 883 572	116.9	15.0	20 692	13 323	7 369	5 719	308 953 011	14 931
Franklin	89	510 427 506	133.6	13.9	5 645	3 348	2 297	2 309	94 849 141	16 802
Oxford	178	464 289 014	73.2	9.8	6 750	4 609	2 141	2 152	103 223 142	15 292
Piscataquis	90	160 262 777	143.2	26.4	2 974	1 844	1 130	307	37 568 221	12 632
Somerset	139	417 904 275	155.5	18.3	5 323	3 522	1 801	951	73 312 507	13 772

\*County data will not add up to total due to four establishments for which no county is assigned.



TABLE 5

## MAINE CAPITAL EXPENDITURES BY COUNTY

1981

AREA	PLANT MODERNIZATION & EQUIPMENT					
	1981				PLANNED	
	TOTAL	NEW STRUCTURES	EXISTING STRUCTURES	EQUIPMENT	1982	1983
<b>TOTAL *</b>	622 250 841	112 496 149	2 968 240	506 786 452	341 176 013	308 149 579
<b>I-95 CORRIDOR</b>	214 635 264	51 526 527	2 165 368	160 943 369	189 215 140	162 196 686
Androscoggin	16 461 338	2 656 792	252 940	13 551 606	12 590 576	9 670 909
Cumberland	64 700 120	15 257 607	714 086	48 728 427	60 871 722	86 337 335
Kennebec	21 853 828	6 221 243	0	15 632 585	27 477 512	25 611 377
Penobscot	45 133 184	7 588 936	933 342	36 610 906	49 486 682	19 085 125
Sagadahoc	14 207 639	6 759 169	0	7 448 470	15 703 000	11 222 000
York	52 279 155	13 042 780	265 000	38 971 375	23 085 648	10 269 940
<b>EASTERN</b>	27 362 859	1 547 922	159 836	25 655 101	53 945 139	55 021 249
Hancock	10 635 692	509 587	0	10 126 105	48 378 454	50 640 000
Washington	16 727 167	1 038 335	159 836	15 528 996	5 566 685	4 381 249
<b>MIDCOAST</b>	8 450 583	2 935 888	266 054	5 248 641	7 276 671	5 720 261
Knox	5 417 571	1 445 399	261 054	3 711 118	4 108 221	4 300 261
Lincoln	1 822 814	1 158 251	5 000	659 563	1 474 350	608 000
Waldo	1 210 198	332 238	0	877 960	1 694 100	812 000
<b>NORTHERN</b>	13 466 959	1 209 280	163 182	12 094 497	7 994 225	4 795 652
Aroostook	13 466 959	1 209 280	163 182	12 094 497	7 994 225	4 795 652
<b>WESTERN</b>	357 882 853	55 271 432	198 800	302 412 621	82 740 338	80 415 731
Franklin	89 002 930	2 926 465	133 000	85 943 465	40 803 448	53 243 626
Oxford	50 960 855	3 695 543	65 800	47 199 512	13 876 699	14 140 800
Piscataquis	6 886 979	2 172 439	0	4 714 540	8 380 455	5 934 580
Somerset	211 032 089	46 476 985	0	164 555 104	19 679 736	7 096 725

\*Sum of Regions will not equal totals due to presence of "no county" data.

TABLE 6

CENSUS OF MAINE MANUFACTURES BY COUNTY, MAJOR  
INDUSTRY, & MINOR CIVIL DIVISION, 1981

ITEM	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
<u>ANDROSCOGGIN (01)</u>	588 902 794	153 564 488	11 844	12 965	7 405	5 560
<u>Major Industry</u>						
DURABLE GOODS	113 802 340	33 574 190	14 948	2 246	1 713	533
Lumber & Wood Products (24)	6 068 997	1 654 905	11 654	142	124	18
Stone, Clay, & Glass (32)	11 880 786	3 226 575	12 703	254	235	19
Fabricated Metals (34)	19 946 439	4 870 536	15 968	305	272	33
Nonelectrical Machinery (35)	13 844 522	4 267 092	13 589	314	263	51
NONDURABLE GOODS	475 100 454	119 990 298	11 194	10 719	5 692	5 027
Food (20)	76 083 118	13 421 299	13 407	1 001	766	235
Textiles (22)	67 009 826	22 486 338	11 729	1 917	1 236	681
Printing (27)	14 826 144	6 523 391	12 841	508	317	191
Rubber & Plastics (30)	103 360 497	24 212 557	11 742	2 062	1 171	891
Leather (31)	129 296 260	41 435 701	9 571	4 329	1 581	2 748
<u>Minor Civil Division</u>						
Auburn (010)	239 373 838	51 683 743	13 064	3 956	2 425	1 531
Lewiston (050)	270 296 611	81 414 236	11 265	7 227	3 918	3 309
Lisbon (060)	37 079 815	10 683 514	12 554	851	548	303
<u>AROOSTOOK (03)</u>	629 716 293	95 577 939	14 779	6 467	4 742	1 725
<u>Major Industry</u>						
DURABLE GOODS	148 940 742	35 734 461	14 385	2 484	2 130	354
Lumber & Wood Products (24)	139 685 943	31 097 164	15 356	2 025	1 915	110
Nonelectrical Machinery (35)	1 842 429	401 587	9 794	41	35	6
NONDURABLE GOODS	480 775 551	59 843 478	15 024	3 983	2 612	1 371
Food (20)	124 169 163	20 774 022	12 015	1 729	1 120	609
Printing (27)	3 571 190	1 021 394	10 317	99	52	47
<u>Minor Civil Division</u>						
Caribou (080)	9 030 850	3 955 755	9 521	412	167	245
Fort Kent (200)	35 227 032	7 526 644	12 649	595	393	202
Houlton (300)	28 332 912	5 116 080	11 318	452	324	128
Presque Isle (530)	111 454 312	19 536 291	11 733	1 665	955	710
Van Buren (610)	2 955 621	1 475 917	10 321	143	116	27
<u>CUMBERLAND (05)</u>	1 230 256 537	281 293 310	15 602	18 029	11 938	6 091
<u>Major Industry</u>						
DURABLE GOODS	488 158 891	130 136 816	16 301	7 983	5 743	2 240
Lumber & Wood Products (24)	25 842 098	8 426 740	13 024	647	530	117
Stone, Clay, & Glass (32)	10 340 357	1 945 783	13 998	139	130	9
Primary Metals (33)	824 255	458 920	9 365	49	37	12

TABLE 6 (continued)

CENSUS OF MAINE MANUFACTURES BY COUNTY, MAJOR  
INDUSTRY, & MINOR CIVIL DIVISION, 1981

ITEM	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
<u>CUMBERLAND (05)</u>						
<u>Major Industry</u>						
DURABLE GOODS (continued)						
Fabricated Metals (34)	112 778 421	32 850 126	19 065	1 723	1 602	121
Nonelectrical Machinery (35)	148 742 795	35 457 295	17 046	2 080	1 670	410
Electric & Electronic Eqpt. (36)	171 328 015	45 450 615	15 694	2 896	1 486	1 410
Transportation Equipment (37)	8 627 501	2 838 242	14 859	191	168	23
NONDURABLE GOODS	742 097 646	151 156 494	15 046	10 046	6 195	3 851
Food (20)	215 807 186	33 275 914	14 159	2 350	1 753	597
Apparel (23)	68 458 030	9 407 641	9 286	1 013	180	833
Printing (27)	47 236 366	17 377 879	14 702	1 182	747	435
Chemicals (28)	5 211 545	824 035	18 728	44	35	9
Leather (31)	90 898 791	23 777 043	11 475	2 072	893	1 179
Miscellaneous (39)	9 358 489	4 331 571	10 026	432	168	264
<u>Minor Civil Division</u>						
Bridgton (020)	28 061 450	5 187 149	10 920	475	226	249
Brunswick (030)	49 053 828	10 989 641	10 805	1 017	328	689
Freeport (080)	35 225 711	9 237 310	11 156	828	408	420
Gorham (090)	30 769 200	9 645 728	13 322	724	537	187
Portland (170)	346 699 444	76 188 077	14 877	5 121	3 643	1 478
Raymond (190)	18 635 794	4 901 733	15 128	324	276	48
Scarborough (200)	73 680 942	12 791 142	12 577	1 017	632	385
South Portland (220)	160 138 114	46 066 687	16 892	2 727	1 720	1 007
Westbrook (240)	401 785 879	84 549 026	19 535	4 328	3 223	1 105
Windham (250)	6 343 251	2 670 260	17 921	149	124	25
Yarmouth (260)	9 885 472	1 999 384	11 761	170	117	53
<u>FRANKLIN (07)</u>						
<u>Major Industry</u>						
DURABLE GOODS	32 502 684	15 785 661	10 573	1 493	1 066	427
Lumber & Wood Products (24)	29 930 828	14 914 479	10 437	1 429	1 016	413
NONDURABLE GOODS	477 924 822	79 063 480	19 042	4 152	2 282	1 870
<u>Minor Civil Division</u>						
Farmington (070)	17 069 355	5 484 565	10 194	538	234	304
Kingfield (100)	3 154 282	1 486 400	10 111	147	98	49
Phillips (140)	4 100 513	925 049	10 756	86	49	37
Rangeley (150)	2 251 492	980 451	12 733	77	70	7
Strong (180)	11 658 016	4 305 149	10 500	410	273	137
Wilton (210)	65 645 714	29 112 541	13 269	2 194	884	1 310



TABLE 6 (continued)

CENSUS OF MAINE MANUFACTURES BY COUNTY, MAJOR  
INDUSTRY, & MINOR CIVIL DIVISION 1981

ITEM	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
<u>HANCOCK (09)</u>	328 258 655	44 765 540	18 384	2 435	1 677	758
<u>Major Industry</u>						
DURABLE GOODS	25 347 459	7 472 357	12 665	590	435	155
Lumber & Wood Products (24)	8 594 665	1 673 495	13 387	125	121	4
Transportation Equipment (37)	11 522 897	3 621 347	14 145	256	218	38
NONDURABLE GOODS	302 911 196	37 293 183	20 213	1 845	1 242	603
Food (20)	31 793 439	5 181 539	9 983	519	139	380
Printing (27)	3 054 675	1 203 123	9 114	132	58	74
<u>Minor Civil Division</u>						
Blue Hill (040)	1 057 089	426 358	9 268	46	28	18
Ellsworth (130)	15 278 053	2 481 742	8 895	279	140	139
Southwest Harbor (280)	12 251 874	3 114 075	12 607	247	154	93
<u>KENNEBEC (11)</u>	579 371 148	136 456 419	15 297	8 920	5 409	3 511
<u>Major Industry</u>						
DURABLE GOODS	125 125 576	26 334 974	14 937	1 763	1 103	680
Lumber & Wood Products (24)	11 969 413	4 350 133	10 507	414	263	151
Machinery, Ex. Electrical (35)	10 049 132	3 476 427	17 557	198	180	18
NONDURABLE GOODS	454 245 572	110 121 445	15 386	7 157	4 306	2 851
Food (20)	75 007 183	9 760 374	13 593	718	565	153
Textiles (22)	78 948 476	22 221 814	12 590	1 765	1 198	567
Paper (26)	229 789 716	51 480 543	21 124	2 437	1 874	563
Printing (27)	15 343 135	6 205 972	12 956	479	333	146
<u>Minor Civil Division</u>						
Augusta (020)	215 128 941	41 452 028	14 595	2 840	1 746	1 094
Waterville (240)	93 944 126	40 487 089	16 338	2 478	11 277	1 201
<u>KNOX (13)</u>	163 241 555	37 312 405	13 207	2 825	1 835	990
<u>Major Industry</u>						
DURABLE GOODS	46 228 801	12 853 765	15 068	853	673	180
Lumber & Wood Products (24)	1 282 910	280 572	7 194	39	38	1
Fabricated Metals (34)	7 868 524	1 972 506	12 251	161	140	21
Transportation Equipment (37)	5 755 084	2 165 080	13 703	158	152	6
NONDURABLE GOODS	117 012 754	24 458 640	12 402	1 972	1 162	810
Food (20)	33 389 667	6 220 130	10 130	614	284	330
Textiles (22)	20 813 924	5 042 481	12 798	394	272	122
Printing (27)	10 740 135	2 203 678	11 847	186	93	93

TABLE 6 (continued)

CENSUS OF MAINE MANUFACTURES BY COUNTY, MAJOR  
INDUSTRY, & MINOR CIVIL DIVISION, 1981

ITEM	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
<u>KNOX (13) (continued)</u>						
<u>Minor Civil Division</u>						
Camden (020)	20 039 208	6 852 733	11 815	580	300	280
Rockland (100)	96 962 524	19 967 552	12 693	1 573	976	597
Rockport (110)	1 329 124	417 099	11 917	35	30	5
St. George (120)	1 304 977	1 005 264	14 360	70	50	20
Union (150)	3 661 476	1 304 326	14 821	88	81	7
<u>LINCOLN (15)</u>	33 464 757	10 095 314	12 992	777	411	366
<u>Major Industry</u>						
DURABLE GOODS	26 908 394	8 324 156	14 891	559	315	244
Lumber & Wood Products (24)	960 743	249 094	6 387	39	34	5
Transportation Equipment (37)	4 833 420	1 938 970	12 926	150	137	13
NONDURABLE GOODS	6 556 363	1 771 158	8 124	218	96	122
Printing (27)	1 308 294	443 249	9 849	45	15	30
<u>Minor Civil Division</u>						
Boothbay (020)	5 258 412	2 176 453	12 091	180	128	52
Waldoboro (160)	22 815 151	6 468 975	14 668	441	174	267
<u>OXFORD (17)</u>	464 289 014	103 223 142	15 292	6 750	4 609	2 141
<u>Major Industry</u>						
DURABLE GOODS	116 750 031	32 856 322	11 930	2 754	1 886	868
Lumber & Wood Products (24)	103 375 097	27 837 857	11 589	2 402	1 628	774
Machinery, Ex. Electrical (37)	7 467 302	3 053 138	18 503	165	158	7
NONDURABLE GOODS	347 548 983	70 366 820	17 609	3 996	2 723	1 273
Printing (27)	2 056 229	826 361	9 608	86	46	40
Leather & Leather Products (31)	82 829 665	18 381 974	10 705	1 717	886	831
<u>Minor Civil Division</u>						
Andover (010)	6 819 728	1 747 168	11 570	151	106	45
Bethel (020)	9 284 442	3 632 062	12 481	291	215	76
Dixfield (080)	26 151 478	6 931 641	11 788	588	328	260
Fryeburg (090)	15 031 609	4 581 983	11 932	384	234	150
Lovell (170)	1 658 448	366 491	11 105	33	30	3
Norway (210)	34 467 477	11 341 477	10 208	1 111	650	461
Oxford (220)	31 951 688	6 376 426	12 933	493	362	131
Paris (230)	50 170 762	10 134 098	13 281	763	552	211
Rumford (270)	262 605 789	51 248 598	22 204	2 308	1 661	647
Waterford (33)	4 506 622	1 135 202	12 613	90	83	7



TABLE 6 (continued)

CENSUS OF MAINE MANUFACTURES BY COUNTY, MAJOR  
INDUSTRY, & MINOR CIVIL DIVISION, 1981

ITEM	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
<u>PENOBSCOT (19)</u>	1 109 728 571	231 412 772	16 474	14 047	10 186	3 861
<u>Major Industry</u>						
DURABLE GOODS	190 499 343	44 916 911	14 263	3 149	2 536	613
Lumber & Wood Products (24)	99 653 132	24 767 338	13 608	1 820	1 596	224
Stone, Clay, & Glass (32)	6 659 278	2 694 101	14 721	183	169	14
NONDURABLE GOODS	919 229 228	186 495 861	17 112	10 898	7 650	3 248
Food (20)	60 604 825	7 178 187	13 595	528	421	107
Textiles (22)	53 844 773	11 374 847	11 613	976	597	379
Paper (26)	642 871 985	117 924 233	22 397	5 265	4 683	582
Printing (27)	17 937 844	7 784 194	16 562	470	319	151
Leather (31)	115 332 896	39 596 776	11 239	3 523	1 505	2 018
<u>Minor Civil Division</u>						
Bangor (020)	116 272 430	32 496 940	12 854	2 528	1 351	1 177
Brewer (050)	95 684 300	19 353 145	14 661	1 320	870	450
Corinth (130)	2 091 607	741 720	8 062	92	33	59
Enfield (200)	3 233 608	655 791	12 858	51	49	2
Hampden (280)	11 725 219	2 839 560	11 403	249	165	84
Howland (310)	2 911 327	567 992	8 352	68	65	3
Lincoln (380)	75 386 264	16 078 132	19 140	840	771	69
Newport (470)	33 914 061	4 810 941	11 240	428	222	206
Old Town (480)	124 454 749	21 465 585	17 451	1 230	837	393
Patten (520)	3 272 281	663 785	9 620	69	57	12
<u>PISCATAQUIS (21)</u>	160 262 777	37 568 221	12 632	2 974	1 844	1 130
<u>Major Industry</u>						
DURABLE GOODS	79 948 283	20 180 327	14 151	1 426	1 184	242
Lumber & Wood Products (24)	71 619 403	16 954 325	14 565	1 164	978	186
NONDURABLE GOODS	80 314 494	17 387 894	11 232	1 548	660	888
<u>Minor Civil Division</u>						
Dover-Foxcroft (070)	15 973 880	2 886 702	9 785	295	107	188
Greenville (090)	9 067 428	1 746 738	12 214	143	136	7
Guilford (100)	49 534 662	14 025 305	12 090	1 160	643	517
Milo (140)	38 771 359	5 890 841	11 178	527	225	302
Sangerville (170)	1 534 072	462 529	13 603	34	31	3
<u>SAGadahoc (23)</u>	425 060 622	137 301 032	18 741	7 326	6 200	1 126
<u>Major Industry</u>						
DURABLE GOODS	383 443 098	126 900 642	19 775	6 417	5 733	684
Lumber & Wood Products (24)	531 604	124 883	8 325	15	11	4

TABLE 6 (continued)

CENSUS OF MAINE MANUFACTURES BY COUNTY, MAJOR  
INDUSTRY, & MINOR CIVIL DIVISION, 1981

ITEM	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
<u>SAGadahoc (23)</u>						
<u>Major Industry (continued)</u>						
NONDURABLE GOODS	41 617 524	10 400 390	11 441	909	467	442
<u>Minor Civil Division</u>						
Bath (020)	386 534 642	127 560 756	19 597	6 509	5 772	737
Topsham (080)	21 301 663	5 165 924	15 283	338	294	44
<u>SOMERSET (25)</u>	417 904 275	73 312 507	13 772	5 323	3 522	1 801
<u>Major Industry</u>						
DURABLE GOODS	110 391 345	25 978 153	13 220	1 965	1 557	408
Lumber & Wood Products (24)	82 408 042	20 904 649	13 556	1 542	1 314	228
NONDURABLE GOODS	307 512 930	47 334 354	14 095	3 358	1 965	1 393
Food (20)	14 968 187	670 625	12 193	55	46	9
Printing (27)	981 693	290 126	10 745	27	14	13
Leather (31)	109 361 336	24 555 430	11 469	2 141	1 076	1 065
<u>Minor Civil Division</u>						
Anson (010)	22 257 433	5 915 750	12 097	489	407	82
Bingham (030)	1 877 525	522 755	10 890	48	37	11
Jackman (160)	12 798 006	2 861 687	15 061	190	189	1
Madison (170)	21 675 365	6 761 044	16 021	422	352	70
Norridgewock (220)	9 628 215	3 641 374	15 695	232	111	121
Pittsfield (240)	46 989 693	9 825 754	10 386	946	401	545
Skowhegan (280)	191 054 630	24 250 038	16 155	1 501	806	695
<u>WALDO (27)</u>	132 998 361	21 081 663	10 663	1 977	1 094	883
<u>Major Industry</u>						
DURABLE GOODS	19 212 584	5 249 873	11 718	448	341	107
Lumber & Wood Products (24)	11 693 624	2 697 775	11 937	226	181	45
Fabricated Metal Products (34)	345 327	158 744	11 338	14	9	5
NONDURABLE GOODS	113 785 777	15 831 790	10 354	1 529	753	776
Food (20)	82 337 319	8 508 659	9 998	851	427	424
<u>Minor Civil Division</u>						
Belfast (010)	83 729 231	14 504 613	9 800	1 480	700	780

TABLE 6 (continued)

CENSUS OF MAINE MANUFACTURES BY COUNTY, MAJOR  
INDUSTRY, & MINOR CIVIL DIVISION, 1981

ITEM	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
<u>WASHINGTON (29)</u>	246 874 752	42 846 867	15 940	2 688	1 891	797
<u>Major Industry</u>						
DURABLE GOODS	53 373 853	16 325 278	18 260	894	812	82
Lumber & Wood Products (24)	50 220 595	15 491 390	18 994	814	761	53
NONDURABLE GOODS	193 500 899	26 521 589	14 783	1 794	1 079	715
Food (20)	31 787 352	5 327 820	8 579	621	243	378
<u>Minor Civil Division</u>						
Danforth (170)	2 688 227	540 570	9 483	57	55	2
Eastport (210)	11 993 996	3 303 726	9 981	331	174	157
Machias (270)	7 711 103	1 359 601	12 248	111	77	34
Milbridge (310)	3 274 300	1 387 235	12 497	111	34	77
<u>YORK (31)</u>	819 395 420	190 734 886	13 585	14 040	8 465	5 575
<u>Major Industry</u>						
DURABLE GOODS	388 269 294	94 063 120	14 757	6 374	4 158	2 216
Lumber & Wood Products (24)	12 673 427	3 874 723	11 741	330	291	39
Stone, Clay, & Glass (32)	4 777 866	1 842 038	16 301	113	104	9
Fabricated Metals (34)	67 492 117	21 698 130	15 312	1 417	1 090	327
Nonelectrical Machinery (35)	15 426 717	7 445 025	17 435	427	401	26
Electric & Electronic Eqpt. (36)	111 824 402	23 764 926	11 888	1 999	557	1 442
NONDURABLE GOODS	431 126 126	96 671 766	12 610	7 666	4 307	3 359
Textiles (22)	66 168 988	16 981 529	11 866	1 431	780	651
Apparel (23)	61 558 267	11 624 534	11 028	1 054	332	722
Printing (27)	16 218 219	4 757 814	14 244	334	159	175
Rubber & Plastics (30)	54 877 888	14 496 059	13 142	1 103	778	325
Leather (31)	148 176 646	37 508 831	12 326	3 043	1 680	1 363
<u>Minor Civil Division</u>						
Biddeford (060)	144 275 262	39 862 095	12 352	3 227	1 576	1 651
Eliot (090)	652 912	227 990	16 285	14	13	1
Kennebunk (110)	32 650 818	9 934 172	12 574	790	578	212
North Berwick (190)	160 596 085	27 427 906	17 706	1 549	1 281	268
Parsonsfield (210)	16 827 653	4 526 731	13 392	338	194	144
Saco (220)	84 976 026	34 121 899	13 123	2 600	1 734	866
Sanford (230)	226 755 738	43 977 513	12 655	3 475	1 604	1 791
Waterboro (260)	5 575 537	2 108 835	16 347	129	114	15
Wells (270)	10 537 698	2 621 903	21 316	123	64	59



## CENSUS OF MAINE MANUFACTURES BY ECONOMIC AREA

1981

AREA	NUMBER REPORTING	VALUE OF PRODUCT			EMPLOYMENT			WORKERS UNDER UNION CONTRACT	WAGES	
		\$	PERCENT CHANGE		TOTAL	MALE	FEMALE		GROSS	AVERAGE
			FROM 1976	FROM 1980						
Augusta (19)	86	318 529 811	+ 75.5	- .3	4 772	2 688	2 084	1 866	64 547 787	13 526
Bangor (12)	116	419 037 442	+ 63.9	+ 3.4	6 255	4 017	2 238	1 545	89 150 837	14 252
Bar Hbr. — Southwest Hbr. (09)	43	34 944 975	+105.7	+14.1	733	371	362	50	8 751 496	11 939
Belfast (16)	50	124 444 081	+ 5.4	+ 7.7	1 761	952	809	534	18 429 711	10 465
Biddeford — Sanford (29)	151	509 509 878	+ 91.7	- 3.1	10 491	5 897	4 594	1 933	133 003 705	12 677
Blue Hill — Stonington (10)	31	7 046 164	+ 37.0	-19.8	226	84	142	0	2 147 818	9 503
Bridgton (28)	72	76 907 662	+ 90.5	+ 8.3	1 597	948	649	53	19 187 537	12 014
Brunswick — Bath (24)	75	495 174 056	+172.1	+23.0	8 786	6 855	1 931	5 797	153 755 495	17 500
Calais — Baileyville (05)	16	163 455 246	+ 53.8	+27.5	1 274	1 023	251	737	25 998 679	20 407
Dexter (15)	28	173 008 116	+ 85.5	+25.6	2 839	1 673	1 166	172	35 953 238	12 664
Dover Foxcroft — Guilford (14)	79	129 877 144	+160.5	+17.9	2 589	1 485	1 104	194	29 771 608	11 499
Eastport (06)	17	19 765 980	+155.5	+38.5	512	238	274	0	4 815 526	9 405
Ellsworth — Bucksport (11)	33	299 820 757	+167.5	+13.7	1 598	1 344	254	995	36 277 236	22 701
Farmington — Jay (22)	85	523 906 199	+126.1	+12.5	6 047	3 417	2 630	2 288	98 308 935	16 257
Houlton (03)	51	35 011 152	+ 47.4	+ 1.3	601	465	136	55	6 557 301	10 910
Jonesport — Cherryfield (08)	25	22 431 491	+ 63.3	+26.5	534	253	281	256	4 948 931	9 267
Kittery (30)	42	291 213 298	+176.5	+33.0	3 131	2 366	765	94	52 503 276	16 768
Lewiston (23)	205	571 073 012	+ 41.0	+ 1.1	12 461	7 232	5 229	2 631	148 778 319	11 939
Lincoln (13)	44	117 027 965	+ 60.3	+16.7	1 506	1 406	100	762	25 020 641	16 613
Machias — Whitneyville (07)	16	12 403 874	+ 47.5	- 5.0	168	98	70	0	1 842 653	10 968
Madawaska (01)	52	342 460 754	+ 78.0	+10.3	1 976	1 593	383	1 036	38 354 131	19 409
Millinocket (04)	8	410 979 898	+ 73.6	+11.4	3 279	2 980	299	2 426	78 288 579	23 875
Paris — Norway (27)	83	135 455 716	+ 49.8	+ 6.0	2 833	1 894	939	489	32 922 084	11 620
Portland (25)	256	1 101 815 788	+ 91.9	+12.6	15 360	10 667	4 693	3 861	251 459 211	16 371
Presque Isle (02)	61	193 422 019	+ 80.5	+68.7	3 051	1 870	1 181	1 017	36 142 342	11 846
Rockland (17)	97	163 241 555	+ 64.6	+10.3	2 825	1 835	990	753	37 312 405	13 207
Rumford (26)	67	309 134 542	+ 89.7	+11.8	3 438	2 388	1 050	1 660	64 672 853	18 811
Skowhegan (21)	90	202 567 784	+ 56.3	- 3.0	4 099	2 418	1 681	488	48 591 616	11 854
Waldoboro (18)	62	32 774 318	+ 85.5	+ 8.5	749	387	362	0	9 879 192	13 189
Waterville (20)	69	427 617 100	+ 73.7	+16.0	5 120	3 305	1 815	3 292	89 744 776	17 528

TABLE 8

## MAINE CAPITAL EXPENDITURES BY ECONOMIC AREA

1981

AREA	PLANT MODERNIZATION & EQUIPMENT					
	1981				PLANNED	
	TOTAL	NEW STRUCTURES	EXISTING STRUCTURES	EQUIPMENT	1982	1983
Augusta (19)	8 115 335	2 350 331	0	5 765 004	10 319 932	8 010 652
Bangor (12)	12 411 996	1 640 983	92 542	10 678 471	8 437 616	11 610 200
Bar Hbr. — Southwest Hbr. (09)	1 260 885	241 274	0	1 019 611	297 000	142 000
Belfast (16)	974 382	218 490	0	755 892	1 511 100	677 500
Biddeford — Sanford (29)	16 746 473	2 363 641	265 000	14 117 832	11 859 548	7 539 440
Blue Hill — Stonington (10)	603 020	174 500	0	428 520	214 376	167 000
Bridgton (28)	3 461 041	1 280 668	45 500	2 134 873	1 664 100	3 203 500
Brunswick — Bath (24)	15 214 070	6 789 410	0	8 424 660	16 266 000	12 067 000
Calais — Baileyville (05)	14 229 464	259 001	74 436	13 896 027	3 295 549	4 123 549
Dexter (15)	5 765 164	1 657 433	805 800	3 301 931	4 320 125	1 561 775
Dover Foxcroft — Guilford (14)	5 574 013	1 895 784	0	3 678 229	6 752 855	3 874 680
Eastport (06)	906 171	138 989	0	767 182	522 500	149 500
Ellsworth — Bucksport (11)	8 849 525	197 130	0	8 652 395	47 804 164	50 231 000
Farmington — Jay (22)	88 947 977	2 886 515	133 000	85 928 462	40 932 179	53 243 100
Houlton (03)	1 436 341	88 388	5 000	1 342 953	1 028 567	1 285 000
Jonesport — Cherryfield (08)	1 049 333	535 920	85 400	428 013	1 092 291	218 200
Kittery (30)	35 060 817	10 589 938	0	24 470 879	10 874 600	2 340 000
Lewiston (23)	16 445 240	2 806 792	252 940	13 385 508	12 756 054	9 875 909
Lincoln (13)	7 331 567	416 991	35 000	6 879 576	5 679 750	5 091 000
Machias — Whitneyville (07)	144 278	1 301	0	142 977	20 000	31 000
Madawaska (01)	620 423	119 312	1 182	499 929	374 346	186 440
Millinocket (04)	18 957 596	3 785 113	0	15 172 483	30 593 000	2 000
Paris — Norway (27)	2 892 195	452 598	10 000	2 429 597	1 842 509	1 622 800
Portland (25)	60 995 991	14 030 426	714 086	46 251 479	59 411 222	82 746 335
Presque Isle (02)	7 853 326	536 157	0	7 317 169	4 766 300	1 550 400
Rockland (17)	5 417 571	1 445 399	261 054	3 711 118	4 108 221	4 300 261
Rumford (26)	47 250 049	3 086 323	10 300	44 153 426	11 281 400	12 136 000
Skowhegan (21)	129 741 162	28 312 655	0	101 428 507	7 688 411	606 850
Waldoboro (18)	1 810 539	1 149 251	5 000	656 288	1 471 850	607 000
Waterville (20)	93 550 361	21 865 569	0	71 684 792	26 475 220	21 848 225



TABLE 9

CENSUS OF MAINE MANUFACTURES BY ECONOMIC AREA  
& SELECTED MAJOR INDUSTRY, 1981

ITEM	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
<u>AUGUSTA (19)</u>	318 529 811	64 547 787	13 526	4 772	2 688	2 084
Food	38 145 134	4 617 333	14 474	319	249	70
Lumber & Wood Products	2 573 136	727 091	7 990	91	70	21
Printing	8 995 608	3 624 188	12 897	281	190	91
<u>BANGOR (12)</u>	419 037 442	89 150 837	14 252	6 255	4 017	2 238
Food	35 012 825	6 324 247	13 484	469	367	102
Lumber & Wood Products	35 340 696	7 150 116	13 965	512	480	32
Printing	17 415 697	7 605 173	16 975	448	313	135
Leather	52 489 193	21 379 795	9 802	2 181	793	1 388
Stone, Clay, & Glass	6 070 168	2 415 206	14 637	165	153	12
<u>BAR HARBOR - SOUTHWEST HARBOR (09)</u>	34 944 975	8 751 496	11 939	733	371	362
Food	18 838 738	3 234 776	11 635	278	78	200
Transportation Equipment	9 812 043	3 071 639	14 557	211	176	35
<u>BELFAST (16)</u>	124 444 081	18 429 711	10 465	1 761	952	809
Food	82 334 719	8 508 659	9 998	851	427	424
Lumber & Wood Products	10 969 340	2 511 057	12 249	205	167	38
<u>BIDDEFORD - SANFORD (29)</u>	509 509 878	133 003 705	12 677	10 491	5 897	4 594
Textiles	48 392 288	14 330 622	11 688	1 226	667	559
Lumber & Wood Products	7 501 366	1 877 726	12 272	153	134	19
Printing	6 043 442	2 109 472	9 676	218	103	115
Rubber & Plastics	54 877 888	14 496 059	13 142	1 103	778	325
Leather	47 422 606	20 854 882	10 417	2 002	967	1 035
Fabricated Metals	51 790 240	17 676 474	15 357	1 151	912	239
Nonelectrical Machinery	14 539 557	7 040 704	17 557	401	378	23
Electric & Electronic Equipment	104 457 511	21 340 737	11 674	1 828	478	1 350
<u>BLUE HILL - STONINGTON (10)</u>	7 046 164	2 147 818	9 508	226	84	142
Transportation Equipment	1 710 854	549 708	12 215	45	42	3
<u>BRIDGTON (28)</u>	76 907 662	19 187 537	12 014	1 597	948	649
Lumber & Wood Products	22 975 868	5 333 384	11 670	457	369	88
Nonelectrical Machinery	5 814 245	2 864 565	17 153	167	150	17
<u>BRUNSWICK - BATH (24)</u>	495 174 056	153 755 495	17 500	8 786	6 855	1 931
Lumber & Wood Products	1 382 651	387 093	9 216	42	36	6
Printing	9 952 826	3 027 940	13 763	220	129	91
Nonelectrical Machinery	1 073 875	286 128	12 440	23	22	1
<u>CALAIS - BAILEYVILLE (05)</u>	163 455 246	25 998 679	20 407	1 274	1 023	251
Lumber & Wood Products	15 392 789	7 943 862	21 015	378	346	32

TABLE 9 (continued)

CENSUS OF MAINE MANUFACTURES BY ECONOMIC AREA  
& SELECTED MAJOR INDUSTRY, 1981

ITEM	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
<u>DEXTER (15)</u>	173 008 116	35 953 238	12 664	2 839	1 673	1 166
Lumber & Wood Products	4 817 101	1 354 894	10 753	126	100	26
<u>DOVER-FOXCROFT - GUILFORD (14)</u>	129 877 144	29 771 608	11 499	2 589	1 485	1 104
Lumber & Wood Products	41 583 770	9 257 092	11 658	794	622	172
<u>EASTPORT (06)</u>	19 765 980	4 815 526	9 405	512	238	274
Food	9 744 712	2 038 474	7 663	266	80	186
<u>ELLSWORTH - BUCKSPORT (11)</u>	299 820 757	36 277 236	22 701	1 598	1 344	254
Lumber & Wood Products	20 723 312	3 867 930	17 344	223	221	2
<u>FARMINGTON - JAY (22)</u>	523 906 199	98 308 935	16 257	6 047	3 417	2 630
Lumber & Wood Products	27 390 033	14 247 899	10 491	1 358	941	417
<u>HOULTON (03)</u>	35 011 152	6 557 301	10 910	601	465	136
Lumber & Wood Products	18 574 089	3 499 338	10 800	324	290	34
<u>JONESPORT - CHERRYFIELD (08)</u>	22 431 491	4 948 931	9 267	534	253	281
Food	16 863 264	2 626 285	9 346	281	125	156
<u>KITTERY (30)</u>	291 213 298	52 503 276	16 768	3 131	2 366	765
Lumber & Wood Products	2 894 999	1 257 742	10 394	121	109	12
<u>LEWISTON (23)</u>	571 073 012	148 778 319	11 939	12 461	7 232	5 229
Food	75 566 543	13 280 537	13 496	984	760	224
Textiles	67 009 826	22 486 338	11 729	1 917	1 236	681
Lumber & Wood Products	4 008 950	966 812	9 967	97	81	16
Printing	14 548 432	6 375 461	12 700	502	313	189
Rubber & Plastics	103 360 497	24 212 557	11 742	2 062	1 171	891
Leather	113 575 989	37 364 313	9 664	3 866	1 437	2 429
Stone, Clay, & Glass	12 037 310	3 282 709	12 625	260	241	19
Fabricated Metals	19 722 483	4 825 496	16 084	300	268	32
Nonelectrical Machinery	13 844 522	4 267 092	13 589	314	263	51
<u>LINCOLN (13)</u>	117 027 965	25 020 641	16 613	1 506	1 406	100
Lumber & Wood Products	45 408 992	10 638 008	13 500	788	750	38
<u>MACHIAS - WHITNEYVILLE (07)</u>	12 403 874	1 842 653	10 968	168	98	70
<u>MADAWASKA (01)</u>	342 460 754	38 354 131	19 409	1 976	1 593	383
Lumber & Wood Products	18 428 493	6 010 155	15 100	398	384	14
<u>MILLINOCKET (04)</u>	410 979 898	78 288 579	23 875	3 279	2 980	299

TABLE 9 (continued)

CENSUS OF MAINE MANUFACTURES BY ECONOMIC AREA  
& SELECTED MAJOR INDUSTRY, 1981

ITEM	VALUE OF PRODUCT \$	GROSS WAGES \$	AVERAGE WAGE \$	NUMBER OF WORKERS		
				TOTAL	MALE	FEMALE
<u>PARIS - NORWAY (27)</u>	135 455 716	32 922 084	11 620	2 833	1 894	939
Lumber & Wood Products	41 088 832	11 281 623	11 270	1 001	689	312
<u>PORTLAND (25)</u>	1 101 815 788	251 459 211	16 371	15 360	10 667	4 693
Food	215 056 532	33 120 987	14 251	2 324	1 736	588
Apparel	34 351 030	5 216 880	9 057	576	140	436
Lumber & Wood Products	15 721 920	5 875 283	14 089	417	322	95
Printing	38 323 672	14 638 965	14 892	983	631	352
Chemicals	5 211 545	824 035	18 728	44	35	9
Stone, Clay, & Glass	8 726 294	1 717 424	14 077	122	114	8
Fabricated Metals	112 728 421	32 847 857	19 075	1 722	1 601	121
Nonelectrical Machinery	144 610 090	33 746 887	17 113	1 972	1 574	398
Electric & Electronic Equipment	166 729 911	44 184 424	15 797	2 797	1 426	1 371
Transportation Equipment	4 056 852	1 331 497	14 960	89	82	7
Miscellaneous	6 246 125	1 943 125	9 432	206	87	119
<u>PRESQUE ISLE (02)</u>	193 422 019	36 142 342	11 846	3 051	1 870	1 181
Food	102 158 204	18 612 277	11 832	1 573	991	582
Lumber & Wood Products	43 860 993	7 063 506	15 223	464	427	37
<u>ROCKLAND (17)</u>	163 241 555	37 312 405	13 207	2 825	1 835	990
Food	33 389 667	6 220 130	10 130	614	284	330
Lumber & Wood Products	1 282 910	280 572	7 194	39	38	1
Printing	10 740 135	2 203 678	11 847	186	93	93
Fabricated Metals	7 868 524	1 972 506	12 251	161	140	21
Transportation Equipment	5 755 084	2 165 080	12 703	158	152	6
<u>RUMFORD (26)</u>	309 134 542	64 672 853	18 811	3 438	2 388	1 050
Lumber & Wood Products	46 932 817	13 388 845	11 890	1 126	725	401
Printing	619 413	212 097	8 157	26	19	7
<u>SKOWHEGAN (21)</u>	202 567 784	48 591 616	11 854	4 099	2 418	1 681
Lumber & Wood Products	36 569 719	10 184 971	11 441	887	699	188
Printing	499 124	210 599	10 028	21	10	11
Leather	108 611 336	24 211 775	11 491	2 107	1 057	1 050
<u>WALDOBORO (18)</u>	32 774 318	9 879 192	13 189	749	387	362
Lumber & Wood Products	623 493	127 472	6 373	20	16	4
Printing	1 308 294	443 249	9 849	45	15	30
Transportation Equipment	4 833 420	1 938 970	12 926	150	137	13
<u>WATERVILLE (20)</u>	427 617 100	89 744 776	17 528	5 120	3 305	1 815
Food	36 994 049	5 214 735	12 718	410	321	89
Lumber & Wood Products	8 508 133	3 760 530	10 683	352	218	134
Nonelectrical Machinery	9 988 209	3 468 170	17 604	197	179	18



TABLE 10

## CENSUS OF MAINE MANUFACTURES BY PLANT SIZE

1981

ITEM	NUMBER REPORTING	VALUE OF PRODUCT \$	WAGES (\$)		EMPLOYMENT			
			GROSS	AVERAGE	TOTAL	MALE	FEMALE	UNIONIZED
<b>Establishments Employing:</b>								
0 — 50	1 684	839 740 023	187 608 529	12 164	15 423	11 665	3 758	1 256
51 — 100	145	540 036 524	129 750 686	12 348	10 507	6 689	3 818	1 006
101 — 250	128	1 119 620 371	272 281 486	13 402	20 315	12 969	7 346	4 531
251 — 500	66	1 332 044 578	292 750 363	12 834	22 809	12 281	10 528	6 879
501 — 1000	28	1 494 016 339	308 794 424	15 817	19 522	12 385	7 137	9 456
1001 and Over	12	2 438 749 531	450 042 903	20 976	21 455	16 507	4 948	12 263
<b>Non-operative or Out of Business</b>	184	86 533 184	52 731 886	15 960	3 304	2 218	1 086	770

CAPITAL EXPENDITURE (\$)							FOREIGN TRADE (\$)	
ITEM	1981				PLANNED			
	TOTAL	NEW STRUCTURES	EXISTING STRUCTURES	EQUIPMENT	1982	1983		
EXPORTS	IMPORTS							
Establishments Employing:								
0 — 50	35 237 626	7 925 762	1 332 918	25 978 946	21 904 418	12 765 327	39 987 859	13 762 313
51 — 100	24 308 441	6 271 988	866 800	17 169 653	15 654 362	9 794 000	10 467 556	19 227 077
101 — 250	36 446 936	9 464 157	215 000	26 767 779	25 815 991	27 232 700	32 315 416	18 290 344
251 — 500	242 367 688	49 844 167	129 497	192 394 024	42 600 893	20 018 165	62 279 288	29 551 884
501 — 1000	62 900 504	9 576 085	424 025	52 900 394	48 751 960	47 561 675	69 674 678	43 559 172
1001 and Over	220 612 889	29 316 871	0	191 296 018	186 274 390	190 655 712	99 216 094	294 286 698
Non-operative or Out of Business	376 757	97 119	0	376 757	173 999	122 000	0	0

TABLE 11

## FOREIGN TRADE BY MAINE MANUFACTURERS, 1981

<u>ITEM</u>	<u>EXPORTS</u>	<u>IMPORTS</u> <sup>1/</sup>
<u>TOTAL MANUFACTURING</u>	316 128 020	417 723 868
Food and Kindred Products	11 730 612	14 488 063
Textile Mill Products	2 331 586	12 048 429
Apparel	743 265	3 551 692
Lumber and Wood Products	42 161 187	10 970 826
Furniture and Fixtures	2 867 401	600 450
Paper and Allied Products	113 162 875	325 296 596
Printing and Publishing	841 652	45 000
Chemicals	20 019 473	17 243 344
Petroleum and Coal Products	0	0
Rubber and Plastics	4 186 719	6 703 436
Leather	26 021 625	2 582 755
Stone, Clay, and Glass Products	171 573	1 049 902
Primary Metal Industries	3 034 638	150 000
Fabricated Metal Products	10 580 617	3 099 600
Nonelectrical Machinery	12 884 015	8 732 136
Electric and Electronic Equipment	61 322 366	9 126 232
Transportation Equipment	469 471	1 032 012
Instruments	2 880 352	401 201
Miscellaneous Manufacturing	718 593	602 194
Androscoggin	22 284 663	8 394 278
Aroostook	21 110 643	146 229 117
Cumberland	93 442 183	34 126 593
Franklin	11 617 603	7 951 678
Hancock	11 031 578	62 548 019
Kennebec	3 459 649	16 446 578
Knox	22 331 113	15 091 301
Lincoln	162 547	119 012
Oxford	4 025 564	5 034 248
Penobscot	37 741 000	96 431 066
Piscataquis	7 416 510	1 251 122
Sagadahoc	2 125 974	3 119 259
Somerset	14 788 051	3 079 971
Waldo	4 492 218	1 183 491
Washington	27 086 983	12 406 466
York	32 756 741	4 311 669
No County	255 000	0

<sup>1/</sup> Imported for use in manufacturing.

## APPENDIX A

### Technical Notes and Definitions

VALUE OF PRODUCT is the net selling price of all goods manufactured or processed during the calendar year. If industrial operations were on a contractual basis, the total of amounts received for contract work or services performed has been included.

GROSS WAGES PAID shows total earnings during the calendar year of all employees before deductions, as reported to the Maine Employment Security Commission for Unemployment Insurance taxes. Before 1976, executives were excluded and wages were reported directly to the Bureau of Labor Standards. Because various fringe benefits, payroll taxes paid by employers, etc. are excluded, this data does not represent total labor costs on the part of the employer.

NUMBER OF WORKERS is that number reported in each month as of the payroll period including the 12th of the month, and averaged over the full twelve months.

AVERAGE GROSS WAGES is the figure obtained by dividing GROSS WAGES PAID by the TOTAL NUMBER OF WORKERS.

EXPENDITURES FOR PLANT MODERNIZATION AND EQUIPMENT (or Capital Expenditures) is the actual amount spent during the survey year and planned for the two succeeding years for three categories: New Structures and/or Additions or Alterations to Existing Structures, Purchase of Existing Structures, and Purchase of New or Used Machinery or Equipment. Land costs are excluded.

WORKERS COVERED BY UNION CONTRACT is the number of workers organized under a union contract and/or a collective bargaining agreement. It represents the number from one representative payroll period; the comparative figure for NUMBER OF WORKERS is an average for the year.

FOREIGN TRADE - EXPORTS is the estimated sales value of goods manufactured at an establishment that were shipped to foreign countries either directly or via out-of-state agents. IMPORTS is the estimated cost of materials imported from foreign countries for use in the manufacturing process at an establishment.

STANDARD INDUSTRIAL CLASSIFICATION (SIC) The Standard Industrial Classification system as compiled by the Executive Office of the President, Office of Management and Budget, was used to determine the industry title applicable to each establishment. Descriptions of major industry groups may be found in Appendix B. Each establishment has been classified according to its principal activity.

ESTABLISHMENT is defined as a single physical location where industrial operations are performed; it is, therefore, a place of business, rather than a legal entity or company which may have units in many locations. Where appropriate (e.g., logging operations) combined reports have been assigned to no specific civil division, merely to the county in which said principal location is found. A small number of multi-county operations report on a statewide basis.

CIVIL DIVISIONS are geographical units of government. Major civil divisions are counties; minor civil divisions are cities, towns, plantations, and townships.

ECONOMIC AREAS are defined in Appendix E.

SPECIAL STUDIES from Census data are available upon written request to the Director of the Bureau of Labor Standards. The Bureau reserves the right to reject any request or to charge the costs incurred.



Major Industry Descriptions, 1972 SIC

## THE DIVISION AS A WHOLE

The manufacturing division includes establishments engaged in the mechanical or chemical transformation of materials or substances into new products. These establishments are usually described as plants, factories, or mills and characteristically use power driven machines and materials handling equipment. Establishments engaged in assembling component parts of manufactured products are also considered manufacturing if the new product is neither a structure nor other fixed improvement. Also included is the blending of materials such as lubricating oils, plastics, resins, or liquors.

The materials processed by manufacturing establishments include products of agriculture, forestry, fishing, mining, and quarrying as well as products of other manufacturing establishments. The new product of a manufacturing establishment may be "finished" in the sense that it is ready for utilization or consumption, or it may be "semi-finished" to become a raw material for an establishment engaged in further manufacturing. For example, the product of the copper smelter is the raw material used in electrolytic refineries; refined copper is the raw material used by certain electrical equipment manufacturers.

The materials used by manufacturing establishments may be purchased directly from producers, obtained through customary trade channels, or secured without recourse to the market by transferring the product from one establishment to another which is under the same ownership. Manufacturing production is usually carried on for the wholesale market, for interplant transfer, or to order for industrial users, rather than for direct sale to the domestic consumer.

20 **FOOD AND KINDRED PRODUCTS** This major group includes establishments manufacturing or processing foods and beverages for human consumption and certain related products, such as manufactured ice, chewing gum, vegetable and animal fats and oils, and prepared feeds for animals and fowls.

22 **TEXTILE MILL PRODUCTS** This major group includes establishments engaged in performing any of the following operations: (1) preparation of fiber and subsequent manufacturing of yarn, thread, braids, twine, and cordage; (2) manufacturing broad woven fabric, narrow woven fabric, knit fabric, and carpets and rugs from yarn; (3) dyeing and finishing fiber, yarn, fabric, and knit apparel; (4) coating, waterproofing, or otherwise treating fabric; (5) the integrated manufacture of knit apparel and other finished articles from yarn; and (6) the manufacture of felt goods, lace goods, nonwoven fabrics, and miscellaneous textiles.

This classification makes no distinction between the two types of organizations which operate in the textile industry: (1) the "integrated" mill which purchases materials, produces textiles and related articles within the establishment, and sells the finished products; and (2) the "contract" or "commission" mill which processes materials owned by others. Converters or other nonmanufacturing establishments which assign materials to contract mills for processing (other than knitting) are classified in nonmanufacturing industries; establishments which assign yarns to outside contractors or commission knitters for the production of knit products are also classified in this Group.

23 **APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS** This major group, known as the cutting-up and needle trades, includes establishments producing clothing and fabricating products by cutting and sewing purchased woven or knit textile fabrics and related materials such as leather, rubberized fabrics, plastics and furs.

Included in the apparel industries are three types of establishments: (1) the "regular" or inside factories, (2) contract factories, and (3) apparel jobbers. The regular factories perform all of the usual manufacturing functions within their own plant; the contract factories manufacture apparel from materials owned by others; and apparel jobbers perform the entrepreneurial functions of a manufacturing company, such as buying raw materials, designing and preparing samples, arranging for the manufacture of the garments from their materials and selling of the finished apparel.

Custom tailors and dressmakers not operating on a factory basis are classified in Retail Trade; establishments which purchase and resell finished garments but do not perform the functions of the apparel jobbers are classified in Wholesale Trade.

24 **LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE** This major group includes logging camps engaged in cutting timber and pulpwood; merchant sawmills, lath mills, shingle mills, cooperage stock mills, planing mills, and plywood mills and veneer mills engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing



24 (continued)

finished articles made entirely or mainly of wood or wood substitutes. Certain types of establishments producing wood products are classified elsewhere. For example, furniture and office and store fixtures are classified in Major Group 25; musical instruments, toys, and playground equipment, and caskets in Major Group 39. Woodworking in connection with construction, in the nature of reconditioning and repair, or performed to individual order, is classified in nonmanufacturing industries.

25 FURNITURE AND FIXTURES This major group includes establishments engaged in manufacturing household, office, public building, and restaurant furniture; and office and store fixtures. Establishments primarily engaged in the production of millwork and wood kitchen cabinets are classified in Major Group 24; cut stone and concrete furniture in Major Group 32; laboratory and hospital furniture in Major Group 38; beauty and barber shop furniture in Major Group 39; and woodworking to individual order or in the nature of reconditioning and repair in nonmanufacturing industries.

26 PAPER AND ALLIED PRODUCTS This major group includes the manufacture of pulps from wood and other cellulose fibers, and from rags; the manufacture of paper and paperboard; and the manufacture of paper and paperboard into converted products such as paper coated off the paper machine, paper bags, paper boxes, and envelopes. Certain types of converted paper products are classified elsewhere, such as abrasive paper in Major Group 32; carbon paper in Major Group 39; and photosensitized and blueprint paper in Major Group 38.

27 PRINTING, PUBLISHING, AND ALLIED INDUSTRIES This major group includes establishments engaged in printing by one or more of the common processes, such as letterpress, lithography, gravure, or screen; and those establishments which perform services for the printing trade, such as bookbinding, typesetting, engraving, photoengraving, and electrotyping. This major group also includes establishments engaged in publishing newspapers, books, and periodicals, regardless of whether or not they do their own printing. News syndicates are classified in Service Industries, and textile printing and finishing in Major Group 22.

28 CHEMICALS AND ALLIED PRODUCTS This major group includes establishments producing basic chemicals, and establishments manufacturing products by predominantly chemical processes. Establishments classified in this major group manufacture three general classes of products:

(1) basic chemicals such as acids, alkalies, salts, and organic chemicals; (2) chemical products to be used in further manufacture such as synthetic fibers, plastics materials, dry colors, and pigments; (3) finished chemical products to be used for ultimate consumption such as drugs, cosmetics, and soaps; or to be used as materials or supplies in other industries such as paints, fertilizers, and explosives. The mining of natural rock salt is classified in mining industries. Establishments primarily engaged in manufacturing nonferrous metals and high percentage ferroalloys are classified in Major Group 33; silicon carbide in Major Group 32; baking powder, other leavening compounds, and starches in Major Group 20; and artists' colors in Major Group 39. Establishments primarily engaged in packaging, repackaging, and bottling of purchased chemical products, but not engaged in manufacturing chemicals and allied products, are classified in trade industries

29 PETROLEUM REFINING AND RELATED INDUSTRIES This major group includes establishments primarily engaged in petroleum refining, manufacturing paving and roofing materials, and compounding lubricating oils and greases from purchased materials. Establishments manufacturing and distributing gas to consumers are classified in public utilities industries, and those primarily engaged in producing coke and byproducts in Major Group 33.

30 RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS This major group includes establishments manufacturing from natural, synthetic, or reclaimed rubber, gutta percha, balata, or gutta siak, rubber products such as tires, rubber footwear, mechanical rubber goods, heels and soles, flooring, and rubber sundries. This group also includes establishments primarily manufacturing tires, but establishments primarily recapping and retreading automobile tires are classified in Services. This group also includes establishments engaged in molding primary plastics for the trade, and manufacturing miscellaneous finished plastics products. The manufacture of elastic webbing is classified in Major Group 22; products made of elastic webbing and garments made from rubberized fabrics in Major Group 23; and synthetic rubber in Major Group 28.

31 LEATHER AND LEATHER PRODUCTS This major group includes establishments engaged in tanning, currying, and finishing hides and skins, and establishments manufacturing finished leather and artificial leather products and some similar products made of other materials. Leather converters are also included.

32 STONE, CLAY, GLASS, AND CONCRETE PRODUCTS This major group includes establishments engaged in manufacturing flat glass and other glass products, cement, structural clay products, pottery, concrete and gypsum products, cut stone,

32 (continued)

abrasive and asbestos products, etc., from materials taken principally from the earth in the form of stone, clay, and sand. When separate reports are available for mines and quarries operated by manufacturing establishments classified in this major group, the mining and quarrying activities are classified in Mining. When separate reports are not available, the mining and quarrying activities other than those of Minerals, ground or treated are classified herein with the manufacturing operations.

If separate reports are not available for crushing, grinding, and other preparation activities of Minerals, ground or treated these establishments are classified in Mining.

33 PRIMARY METAL INDUSTRIES This major group includes establishments engaged in the smelting and refining of ferrous and nonferrous metals from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and nonferrous metals; in the manufacture of castings and other basic products of ferrous and nonferrous metals; and in the manufacture of nails, spikes, and insulated wire and cable. This major group also includes the production of coke. Establishments primarily engaged in manufacturing metal forgings or stampings are classified in Major Group 34.

34 FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND TRANSPORTATION EQUIPMENT This major group includes establishments engaged in fabricating ferrous and nonferrous metal products such as metal cans, tinware, hand tools, cutlery, general hardware, nonelectric heating apparatus, fabricated structural metal products, metal forgings, metal stampings, ordnance (except vehicles and guided missiles), and a variety of metal and wire products not elsewhere classified. Certain important segments of the metal fabricating industries are classified in other major groups, such as machinery in Major Groups 35 and 36; transportation equipment, including tanks, in Major Group 37; professional scientific and controlling instruments, watches and clocks in Major Group 38; and jewelry and silverware in Major Group 39. Establishments primarily engaged in producing ferrous and nonferrous metals and their alloys are classified in Major Group 33.

35 MACHINERY, EXCEPT ELECTRICAL This major group includes establishments engaged in manufacturing machinery and equipment, other than electrical equipment (Major Group 36) and transportation equipment (Major Group 37). Machines powered by built-in or detachable motors ordinarily are included in this major group, with the exception of electrical household appliances (Major Group 36). Portable tools, both electric and pneumatic powered, are included in this major group, but hand tools are classified in Major Group 34.

36 ELECTRICAL AND ELECTRONIC MACHINERY, EQUIPMENT, AND SUPPLIES This major group includes establishments engaged in manufacturing machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electrical energy. The manufacture of household appliances is included in this group, but industrial machinery and equipment powered by built-in or detachable electric motors is classified in Major Group 35. Establishments primarily engaged in manufacturing instruments for indicating, measuring, and recording electrical quantities are classified in Major Group 38.

37 TRANSPORTATION EQUIPMENT This major group includes establishments engaged in manufacturing equipment for transportation of passengers and cargo by land, air, and water. Important products produced by establishments classified in this major group include motor vehicles, aircraft, guided missiles and space vehicles, ships, boats, railroad equipment, and miscellaneous transportation equipment such as motorcycles, bicycles, and snowmobiles. Establishments primarily engaged in manufacturing mobile homes are classified in Major Group 24.

38 MEASURING, ANALYZING, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC, MEDICAL, AND OPTICAL GOODS; WATCHES AND CLOCKS This major group includes establishments engaged in manufacturing instruments (including professional and scientific) for measuring, testing, analyzing, and controlling, and their associated sensors and accessories; optical instruments and lenses; surveying and drafting instruments; surgical, medical, and dental instruments, equipment, and supplies; ophthalmic goods; photographic equipment and supplies; and watches and clocks.

39 MISCELLANEOUS MANUFACTURING INDUSTRIES This major group includes establishments primarily engaged in manufacturing products not classified in any other manufacturing major group. Industries in this group fall into the following categories: jewelry, silverware and plated ware; musical instruments; toys, sporting and athletic goods; pens, pencils, and other office and artists' materials; buttons, costume novelties, miscellaneous notions; brooms and brushes; caskets; and other miscellaneous manufacturing industries.



# APPENDIX C

## Geographic Definitions of Economic Areas

This publication has contained a tabulation entitled "Economic Areas" since 1954. This series now consists of thirty areas which were delineated on the basis of population and manufacturing employment cross-sectional evaluation. Care should be exercised in making comparison of these thirty areas with the earlier areas as there have been changes made in almost all the regions as well as three new areas added.

The civil division with the largest population is in capital letters, and the civil division with the most workers employed in manufacturing is underlined. The minor civil divisions contained in the areas are as follows:

Area No.	1981 Population	Town	Area No.	1981 Population	Town
1	19 289	Cyr, Eagle Lake, Fort Kent, Frenchville, Grand Isle, Hamlin, <u>MADAWASKA</u> , New Canada, St. Agatha, St. John, Van Buren, Wallagrass, T17 R3, T17 R4, T17 R5	8	8 571	Addison, Beals, <u>Cherryfield</u> , Columbia, Columbia Falls, Harrington, Jonesboro, JONESPORT, Milbridge, Steuben
2	49 818	Ashland, Blaine, Caribou, Castle Hill, Caswell, Chapman, Connor, E. Plt., Easton, Ft. Fairfield, Limestone, Mapleton, Mars Hill, Masardis, New Sweden, Perham, <u>PRESQUE ISLE</u> , Stockholm, Wade, Washburn, Westfield, Westmanland, Woodland, T11 R4	9	17 288	BAR HARBOR, Cranberry Isles, Franklin, Gouldsboro, Hancock, Lamoine, Mount Desert, Sorrento, <u>Southwest Harbor</u> , Sullivan, Tremont, Trenton, Winter Harbor, 7 Southern Division, 8 Southern Division
3	15 387	Amity, Bridgewater, Cary, Cox Patent, Dyer Brook, Hammond, Hodgdon, <u>HOULTON</u> , Island Falls, Linneus, Littleton, Ludlow, Merrill, Monticello, New Limerick, Oakfield, Smyrna, A R2, T4 R3	10	8 566	BLUE HILL, Brooklin, Brooksville, Castine, Deer Isle, Long Island, Sedgwick, <u>Stonington</u> , Swans Is., Isle Au Haut
4	11 914	E. Millinocket, Medway, <u>MILLINOCKET</u> , A R7	11	13 859	<u>Bucksport</u> , ELLSWORTH, Orland, Penobscot, Surry, Verona
5	8 868	Alexander, <u>Baileyville</u> , Baring, CALAIS, Charlotte, Meddybemps, Princeton, Robbinston	12	96 799	Alton, Argyle, <u>BANGOR</u> , Bradford, Bradley, Brewer, Carmel, Charleston, Clifton, Corinth, Dedham, Eddington, Edinburg, Glenburn, Greenbush, Greenfield, Hampden, Hermon, Holden, Hudson, Kenduskeag, Lagrange, Levant, Milford, Newburgh, Old Town, Orono, Orrington, Veazie
6	5 860	Dennysville, <u>EASTPORT</u> , Edmunds, Lubec, Pembroke, Perry, Trescott	13	10 813	Burlington, Enfield, Grand Falls, Howland, Lee, <u>LINCOLN</u> , Lowell, Passadumkeag, Springfield, Winn, 1 Northern Division, T3 R1
7	6 627	Cutler, E. Machias, <u>MACHIAS</u> , Machiasport, Marshfield, Roque Bluffs, Whiting, Whitneyville			

# APPENDIX C

## Geographic Definitions of Economic Areas (continued)

Area No.	1981 Population	Town	Area No.	1981 Population	Town
14	16 483	Abbot, Barnard, Blanchard, Bowerbank, Brownville, DOVER-FOXCROFT, Elliotsville, Greenville, Guilford, Milo, Monson, Parkman, Sangerville, Sebec, Shirley, Williamsburg	21	30 412	Anson, Athens, Bingham, Canaan, Cornville, Embden, Harmony, Hartland, Madison, Mercer, Norridgewock, Pittsfield, SKOWHEGAN, Solon, Starks
15	20 338	Burnham, Cambridge, Corinna, Detroit, DEXTER, Dixmont, Etna, Exeter, Garland, Newport, Palmyra, Plymouth, Ripley, St. Albans, Stetson, Troy	22	31 145	Avon, Carthage, Chesterville, FARMINGTON, Freeman, Industry, Jay, Kingfield, Livermore, Livermore Falls, New Portland, New Sharon, New Vineyard, Perkins, Phillips, Salem, Strong, Temple, Washington Twp., Weld, Wilton
16	24 079	BELFAST, Belmont, Brooks, Frankfort, Islesboro, Jackson, Knox, Libery, Lincolnville, Monroe, Montville, Morrill, Northport, Prospect, Searsmont, Searsport, Stockton Springs, Swanville, Thorndike, Waldo, Winterport	23	96 467	Auburn, Bowdoin, Durham, Greene, Leeds, LEWISTON, Lisbon, Mechanic Falls, Minot, New Gloucester, Poland, Turner, Wales, Webster
17	33 226	Appleton, Camden, Cushing, Friendship, Hope, Matinicus Isle, North Haven, Owls Head, ROCKLAND, Rockport, St. George, S. Thomaston, Thomaston, Union, Vinalhaven, Warren, Washington	24	52 381	Arrowsic, Bath, Bowdoinham, BRUNSWICK, Dresden, Freeport, Georgetown, Harpswell, Perkins, Phippsburg, Topsham, West Bath, Woolwich
18	21 208	Alna, Boothbay, Boothbay Hbr., Bremen, Bristol, Damariscotta, Edgecomb, Monhegan, Newcastle, Nobleboro, S. Bristol, Southport, WALDOBORO, Westport, Wiscasset	25	173 657	Cape Elizabeth, Cumberland, Falmouth, Gorham, Gray, N. Yarmouth, PORTLAND, Raymond, Scarborough, S. Portland, Standish, Westbrook, Windham, Yarmouth
19	66 832	AUGUSTA, Chelsea, Farmingdale, Fayette, Gardiner, Hallowell, Hibberts Gore, Jefferson, Litchfield, Manchester, Monmouth, Pittston, Randolph, Readfield, Richmond, Somerville, Wayne, West Gardiner, Whitefield, Windsor, Winthrop	26	21 760	Andover, Andover-No. Surplus, Andover-West Surplus, Batchelders Grant, Bethel, Byron, Canton, Dixfield, Gilead, Hanover, Hartford, Mason, Mexico, Milton, Newry, Peru, Roxbury, RUMFORD, Sumner, A R1, A R2
20	59 818	Albion, Belgrade, Benton, China, Clinton, Fairfield, Freedom, Mount Vernon, Oakland, Palermo, Rome, Smithfield, Sidney, Unity, Unity Twp., Vassalboro, Vienna, WATERVILLE, Winslow	27	19 779	Albany, Buckfield, Greenwood, Hebron, Lovell, Norway, Otisfield, Oxford, PARIS, Stoneham, Stow, Sweden, Waterford, West Paris, Woodstock

APPENDIX C

Geographic Definitions of Economic Areas  
(continued)

<u>Area</u> <u>No.</u>	<u>1981</u> <u>Population</u>	<u>Town</u>	<u>Area</u> <u>No.</u>	<u>1981</u> <u>Population</u>	<u>Town</u>
28	20 905	Baldwin, <u>BRIDGTON</u> , Brownfield, Casco, Cornish, Denmark, Fryeburg, Harrison, Hiram, Naples, Parsonsfield, Porter, Sebago	30	45 795	Berwick, Eliot, <u>KITTERY</u> , Lebanon, <u>North Berwick</u> , South Berwick, Wells, York
29	93 246	Acton, Alfred, Arundel, <u>BIDDEFORD</u> , Buxton, Dayton, Hollis, Kennebunk, Kennebunkport, Limerick, Limington, Lyman, Newfield, Old Orchard Beach, Saco, <u>Sanford</u> , Shapleigh, Waterboro			

NOTE: Since the 1981 population census data is unavailable for some unorganized townships, the area population in some instances may be slightly understated. Population data is from: Population Estimates for Minor Civil Divisions by County, Maine, 1981; Maine Department of Human Services, Bureau of Health Planning and Development, December, 1982.



APPENDIX D

Census of Maine Manufactures, by Major  
Industry Group, 1976-1980

<u>Industry</u>	<u>Year</u>	<u>Number Reporting</u>	<u>Value of Product (In Thousands)</u>	<u>Gross Wages (In Thousands)</u>	<u>Average Wage</u>	<u>Total Employment</u>
<u>TOTAL</u>	1976	2,376	\$ 4,278,202	\$ 968,901	\$ 9,482	102,183
	1977	2,381	4,952,558	1,069,793	10,232	104,551
	1978	2,365	5,557,101	1,237,738	11,216	110,351
	1979	2,399	6,469,111	1,396,083	12,285	113,641
	1980	2,271	7,099,765	1,554,085	13,776	112,808
Food and Kindred Products	1976	237	632,361	81,708	8,312	9,830
	1977	226	662,493	92,996	8,823	10,540
	1978	209	716,098	101,982	9,517	10,715
	1979	247	763,663	108,911	10,397	10,475
	1980	224	731,826	114,778	11,198	10,249
Textile Mill Products	1976	60	281,397	70,851	8,098	8,749
	1977	58	335,282	81,094	8,710	9,310
	1978	60	328,884	84,776	9,392	9,026
	1979	60	349,303	89,626	10,082	8,889
	1980	61	328,157	90,718	11,118	8,159
Apparel	1976	43	75,915	24,564	6,740	3,644
	1977	44	81,544	26,629	7,425	3,586
	1978	47	121,274	34,521	8,234	4,192
	1979	49	163,676	38,112	8,638	4,412
	1980	52	179,983	41,776	9,279	4,502
Lumber and Wood Products	1976	1,053	400,992	118,975	8,732	13,625
	1977	1,023	468,811	131,803	9,972	13,216
	1978	1,002	569,897	156,728	10,848	14,447
	1979	986	604,212	166,187	11,521	14,424
	1980	904	607,204	172,678	13,048	13,234
Furniture and Fixtures	1976	36	23,379	7,938	8,879	894
	1977	36	29,668	9,352	9,970	938
	1978	41	34,504	10,723	10,096	1,062
	1979	42	33,939	10,524	11,195	940
	1980	36	40,493	12,182	12,584	968
Paper and Allied Products	1976	47	1,388,648	245,865	14,247	17,257
	1977	53	1,622,709	263,271	14,911	17,656
	1978	51	1,810,715	300,910	17,057	17,641
	1979	48	2,235,237	344,004	18,903	18,198
	1980	47	2,434,527	381,862	21,125	18,076

APPENDIX D

Census of Maine Manufactures, by Major  
Industry Group, 1976-1980  
(continued)

<u>Industry</u>	<u>Year</u>	<u>Number Reporting</u>	<u>Value of Product (In Thousands)</u>	<u>Gross Wages (In Thousands)</u>	<u>Average Wage</u>	<u>Total Employment</u>
Printing and Publishing	1976	213	\$ 70,756	\$ 29,052	\$ 9,594	3,028
	1977	212	80,954	31,614	10,010	3,158
	1978	211	94,552	37,609	10,983	3,424
	1979	217	108,981	39,946	11,459	3,486
	1980	213	123,026	44,765	12,577	3,559
Chemicals and Allied Products	1976	41	80,902	12,123	11,173	1,085
	1977	39	93,705	14,123	11,848	1,192
	1978	41	108,115	17,581	12,657	1,389
	1979	38	130,657	19,045	14,055	1,355
	1980	34	143,855	20,485	15,241	1,344
Petroleum and Coal Products	1976	12	13,054	2,411	13,104	184
	1977	11	12,964	2,505	13,915	180
	1978	8	16,601	2,525	15,684	161
	1979	10	19,549	3,320	15,300	217
	1980	8	17,679	2,474	17,799	139
Rubber and Plastics	1976	36	117,414	32,078	7,694	4,169
	1977	38	131,978	32,746	8,415	3,891
	1978	39	148,667	38,843	9,012	4,310
	1979	38	176,265	45,012	10,354	4,347
	1980	37	177,029	45,072	11,330	3,978
Leather and Leather Products	1976	115	514,273	138,963	6,963	19,957
	1977	117	548,433	150,259	7,487	20,069
	1978	115	620,318	167,899	8,159	20,578
	1979	120	706,528	180,475	8,929	20,210
	1980	110	821,471	206,804	10,154	20,366
Stone, Clay, and Glass Products	1976	74	47,164	14,438	11,596	1,245
	1977	77	49,368	15,455	12,324	1,254
	1978	73	52,407	16,140	12,521	1,289
	1979	72	63,220	17,011	14,295	1,190
	1980	80	63,774	17,718	15,379	1,152
Primary Metal Products	1976	13	11,904	3,715	10,233	363
	1977	13	14,607	4,356	10,702	407
	1978	10	14,129	4,689	12,307	381
	1979	10	20,655	5,918	13,636	434
	1980	11	21,309	5,952	13,971	426

APPENDIX D

Census of Maine Manufactures, by Major  
Industry Group, 1976-1980  
(continued)

<u>Industry</u>	<u>Year</u>	<u>Number Reporting</u>	<u>Value of Product (In Thousands)</u>	<u>Gross Wages (In Thousands)</u>	<u>Average Wage</u>	<u>Total Employment</u>
Fabricated Metal Products	1976	84	\$ 145,724	\$ 40,809	\$11,338	3,599
	1977	91	141,225	42,647	11,915	3,579
	1978	103	180,262	47,897	13,068	3,665
	1979	116	209,564	58,653	18,823	4,243
	1980	117	252,166	66,589	15,371	4,332
Nonelectrical Machinery	1976	105	112,388	28,368	11,072	2,562
	1977	111	241,115	36,623	11,711	3,127
	1978	114	199,164	46,164	12,668	3,644
	1979	122	221,004	56,750	13,346	4,252
	1980	118	243,711	66,385	15,187	4,371
Electric and Electronic Machinery and Equipment	1976	42	170,842	48,071	9,258	5,192
	1977	48	194,566	55,670	9,910	5,617
	1978	50	241,392	68,949	10,549	6,536
	1979	50	314,306	85,781	11,396	7,527
	1980	50	417,861	97,898	12,827	7,632
Transportation Equipment	1976	93	154,529	56,635	11,164	5,073
	1977	105	208,418	66,281	12,753	5,197
	1978	111	254,831	84,938	13,871	6,123
	1979	100	296,908	109,558	15,370	7,128
	1980	101	443,083	147,362	17,433	8,453
Precision Instruments and Related Products	1976	15	10,376	4,076	7,704	529
	1977	17	10,852	4,057	8,505	477
	1978	21	24,494	7,647	9,060	844
	1979	17	28,212	9,156	9,597	954
	1980	16	30,557	9,482	10,606	894
Miscellaenous	1976	57	26,183	8,261	6,895	1,198
	1977	62	23,866	8,312	7,183	1,157
	1978	59	20,796	7,214	7,807	924
	1979	57	23,223	8,091	8,428	860
	1980	52	22,054	9,106	9,349	974



APPENDIX E

Census of Maine Manufactures  
by County, 1976-1980

<u>County</u>	<u>Year</u>	<u>Number Reporting</u>	<u>Value of Product (In Thousands)</u>	<u>Gross Wages (In Thousands)</u>	<u>Average Wage</u>	<u>Total Employment</u>
Androscoggin	1976	218	\$ 414,017	\$ 99,692	\$ 7,597	13,121
	1977	213	442,471	100,941	8,391	13,221
	1978	207	485,398	124,349	9,284	13,393
	1979	208	534,830	133,461	10,163	13,131
	1980	203	577,743	145,183	11,192	12,971
Aroostook	1976	210	360,100	60,317	9,918	6,081
	1977	214	392,704	67,021	10,682	6,274
	1978	204	473,795	77,868	11,556	6,738
	1979	207	515,446	83,683	12,980	6,447
	1980	193	567,091	94,445	14,134	6,683
Cumberland	1976	333	644,816	166,300	10,320	16,114
	1977	335	821,721	181,006	10,927	16,565
	1978	338	835,702	208,912	11,911	17,538
	1979	347	964,936	233,979	12,914	18,117
	1980	356	1,097,724	263,957	14,306	18,450
Franklin	1976	110	218,423	49,001	9,317	5,259
	1977	102	265,895	60,091	11,372	5,284
	1978	96	360,408	67,425	12,449	5,416
	1979	103	419,184	74,626	13,502	5,527
	1980	97	447,934	84,765	15,487	5,473
Hancock	1976	114	144,038	24,677	11,051	2,233
	1977	110	193,416	30,655	12,446	2,463
	1978	110	239,472	34,310	13,718	2,501
	1979	111	256,221	35,637	14,848	2,400
	1980	107	307,122	41,107	16,703	2,461
Kennebec	1976	140	415,002	89,100	9,703	9,182
	1977	139	458,859	96,028	10,552	9,100
	1978	138	505,626	106,245	11,576	9,178
	1979	136	621,383	116,396	12,343	9,430
	1980	123	571,630	123,475	13,895	8,886
Knox	1976	87	99,179	22,868	8,904	2,568
	1977	92	107,677	24,653	9,663	2,551
	1978	90	131,216	28,172	10,214	2,758
	1979	93	159,246	33,073	11,135	2,970
	1980	93	148,061	35,112	12,178	2,883

APPENDIX E

Census of Maine Manufactures  
by County, 1976-1980  
(continued)

<u>County</u>	<u>Year</u>	<u>Number Reporting</u>	<u>Value of Product (In Thousands)</u>	<u>Gross Wages (In Thousands)</u>	<u>Average Wage</u>	<u>Total Employment</u>
Lincoln	1976	81	\$ 18,048	\$ 6,071	\$ 9,212	659
	1977	79	20,208	6,905	9,407	734
	1978	85	27,423	7,724	9,992	773
	1979	74	32,061	8,583	10,782	796
	1980	73	30,845	8,704	11,890	732
Oxford	1976	195	268,020	63,775	10,289	6,198
	1977	192	299,480	66,291	10,504	6,311
	1978	195	348,178	76,206	11,551	6,597
	1979	204	416,755	84,273	12,473	6,756
	1980	182	422,597	88,315	13,820	6,390
Penobscot	1976	210	644,980	134,738	10,681	12,614
	1977	217	729,198	133,450	10,662	12,516
	1978	209	754,447	160,994	12,141	13,260
	1979	212	916,879	189,217	13,555	13,959
	1980	199	998,599	210,915	15,129	13,941
Piscataquis	1976	93	65,876	18,390	8,206	2,241
	1977	92	82,862	24,189	9,515	2,542
	1978	90	93,256	25,958	10,112	2,567
	1979	88	119,587	29,107	10,630	2,738
	1980	90	126,709	33,751	11,850	2,848
Sagadahoc	1976	38	150,270	48,657	10,890	4,468
	1977	39	204,279	58,749	12,523	4,691
	1978	36	256,847	75,411	13,651	5,524
	1979	37	292,474	98,038	15,145	6,473
	1980	34	335,866	118,171	17,365	6,805
Somerset	1976	163	163,545	36,613	8,066	4,539
	1977	163	213,873	43,470	8,946	4,859
	1978	157	244,513	49,325	9,994	4,935
	1979	160	323,339	56,967	10,846	5,252
	1980	144	361,791	68,125	12,228	5,571
Waldo	1976	64	122,491	15,814	7,452	2,122
	1977	68	118,730	17,335	7,933	2,185
	1978	64	133,647	20,378	8,598	2,370
	1979	70	132,101	21,469	9,601	2,236
	1980	66	123,859	18,603	9,980	1,864

APPENDIX E

Census of Maine Manufactures  
by County, 1976-1980  
(continued)

<u>County</u>	<u>Year</u>	<u>Number Reporting</u>	<u>Value of Product (In Thousands)</u>	<u>Gross Wages (In Thousands)</u>	<u>Average Wage</u>	<u>Total Employment</u>
Washington	1976	101	\$ 150,252	\$ 25,986	\$ 9,869	2,633
	1977	100	161,343	31,177	10,981	2,839
	1978	100	176,231	34,391	11,867	2,898
	1979	98	182,434	37,409	12,798	2,923
	1980	94	201,818	39,530	14,379	2,749
York	1976	210	383,347	98,573	8,545	11,535
	1977	214	421,688	110,054	9,255	11,890
	1978	224	465,596	128,893	9,853	13,081
	1979	235	556,044	151,853	10,915	13,912
	1980	211	770,034	177,908	12,760	13,942



## APPENDIX F

### Raw and Adjusted Data Comparisons, 1980-1981

The data on the following table has been adjusted using two major price indexes published by the U.S. Department of Labor, Bureau of Labor Statistics. The Value of Product data is adjusted by the Producer Price Index (formerly the Wholesale Price Index). Wage data is adjusted by the Consumer Price Index for Urban Wage Earners and Clerical Workers. In both cases, the base year is 1967. Adjustments made are based on annual average index.

The Consumer Price Index is a monthly statistical measure of the average change in prices in a fixed market basket of goods and services.

The CPI is based on prices of food, clothing, shelter, fuel, drugs, transportation fares, doctor's and dentist's fees, and other goods and services that people buy for day-to-day living. The quantity and quality of these items is kept essentially unchanged between major revisions so that only price changes will be measured. Prices are collected from over 18,000 tenants, 24,000 retail establishments, and 18,000 housing units for property taxes in 85 urban areas across the country. All taxes directly associated with the purchase and use of items are included in the index.

Though the CPI is often called the "Cost-of-Living Index", it measures only price change, which is just one of several important factors affecting living costs.

1980 Annual Average = 247.0

1981 Annual Average = 272.3

Producer Price Indexes measure average changes in prices received in primary markets of the United States by producers of commodities in all stages of processing. The sample used for calculating these indexes contains about 2,800 commodities and about 10,000 quotations per month selected to represent the movement of prices of all commodities produced in the manufacturing, agriculture, forestry, fishing, mining, gas and electricity, and public utilities sectors. The universe includes all commodities produced or imported for sale in commercial transactions in primary markets in the United States.

To the extent possible, prices used in calculating Producer Price Indexes apply to the first significant commercial transaction in the United States, from the production or central marketing point. Price data are generally collected monthly, primarily by mail questionnaire. Most prices are obtained directly from producing companies on a voluntary and confidential basis. Prices generally are reported for the Tuesday of the week containing the 13th day of the month.

(For Transportation Equipment, the base is not 1967 but 12/1968.)

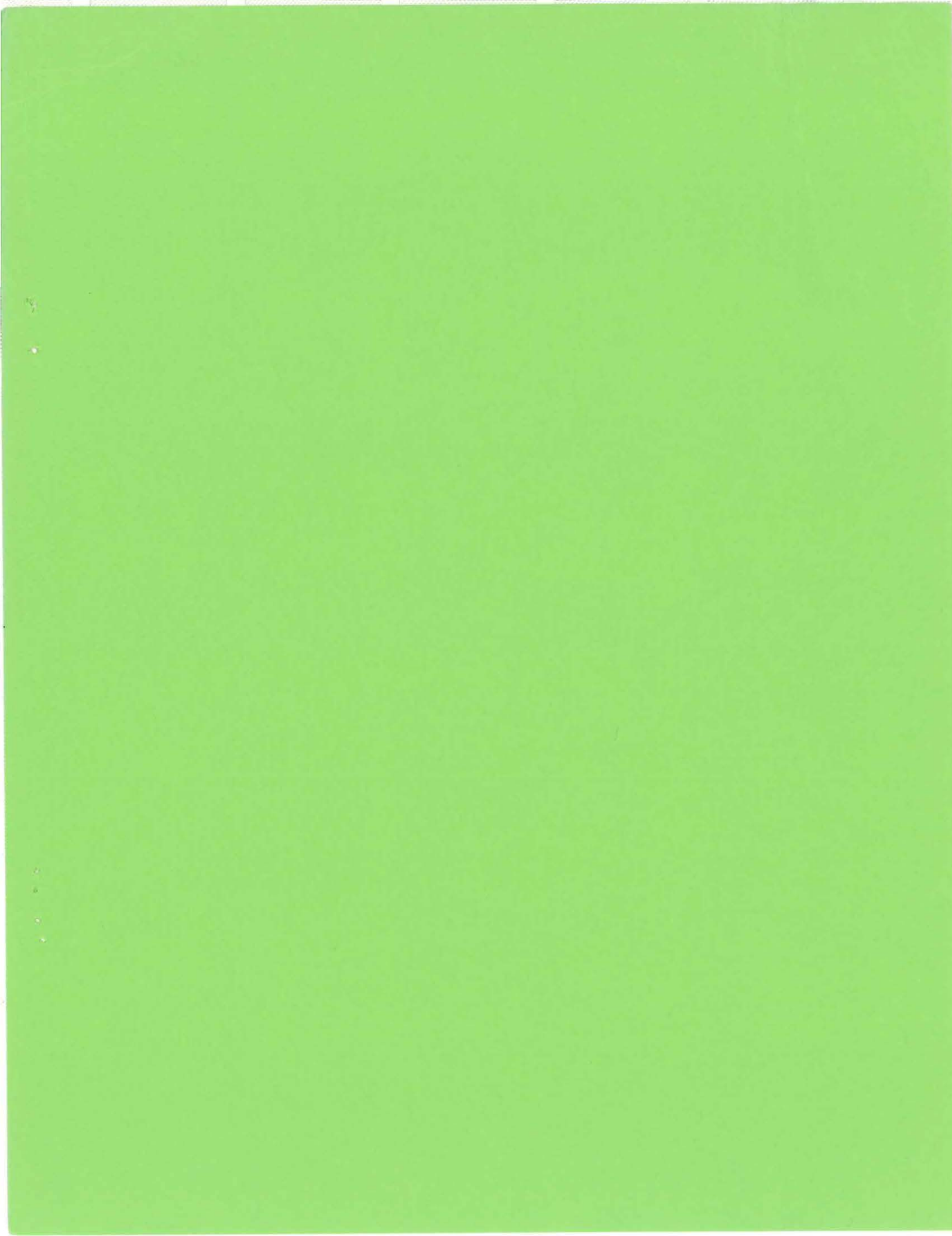
	<u>1980</u>	<u>1981</u>
Total Manufactures	261.5	285.9
Pulp, Paper, and Allied Products	249.2	273.7
Hides, Skins, Leather, and Related Products	248.9	261.5
Processed Foods and Feeds	241.2	248.7
Lumber and Wood Products	288.9	292.8
Transportation Equipment	247.0	235.4

MAINE MANUFACTURING WITH SELECTED MAJOR INDUSTRIES, RAW & ADJUSTED DATA, 1980-1981

INDUSTRY	PRODUCER PRICE INDEX TITLE	VALUE OF PRODUCT		GROSS WAGES		AVERAGE GROSS WAGE AVERAGE GROSS WAGE	
		RAW	ADJUSTED	RAW	ADJUSTED	RAW	ADJUSTED
		(Millions)	(Millions)	(Millions)	(Millions)		
Total Manufacturing	Total Manufactures						
1981		\$7,850.7	\$2,746.6	\$1,694.0	\$622.1	\$14,946	\$5,489
1980		\$7,091.0	\$2,711.7	\$1,554.1	\$629.2	\$13,776	\$5,577
% Change		10.7%	1.3%	9.0%	-1.1%	8.5%	-1.6%
Paper	Pulp, Paper, & Allied Products						
1981		\$2,753.9	\$1,006.2	\$ 428.0	\$157.2	\$23,179	\$8,512
1980		\$2,434.5	\$ 976.9	\$ 381.9	\$154.6	\$21,125	\$8,553
% Change		13.1%	3.0%	12.1%	1.7%	9.7%	-.5%
Leather	Hides, Skins, Leather, & Related Products						
1981		\$ 832.5	\$ 318.4	\$ 235.4	\$ 86.4	\$11,114	\$4,082
1980		\$ 821.5	\$ 330.1	\$ 206.8	\$ 83.7	\$10,154	\$4,111
% Change		1.3%	-3.5%	13.8%	3.2%	9.5%	-.7%
Food	Processed Foods & Feeds						
1981		\$ 769.9	\$ 309.6	\$ 114.8	\$ 42.2	\$12,139	\$4,458
1980		\$ 731.8	\$ 303.4	\$ 113.7	\$ 46.0	\$11,198	\$4,534
% Change		5.2%	2.0%	1.0%	-8.3%	8.4%	-1.7%
Lumber & Wood	Lumber & Wood Products						
1981		\$ 667.1	\$ 227.8	\$ 177.3	\$ 65.1	\$13,329	\$4,895
1980		\$ 607.2	\$ 210.2	\$ 172.6	\$ 69.9	\$13,048	\$5,283
% Change		9.9%	8.4%	2.7%	-6.9%	2.2%	-7.3%
Transportation Equipment	Transportation Equipment (12/68 = 100)						
1981		\$ 559.1	\$ 237.5	\$ 165.4	\$ 60.7	\$19,031	\$6,989
1980		\$ 443.1	\$ 179.4	\$ 147.4	\$ 59.7	\$17,433	\$7,058
% Change		26.2%	32.4%	12.2%	1.7%	9.2%	-1.0%







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